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ANNUAL REPORT

ON THE

HEALTH

OF THE

CITY OF SHEFFIELD

For the Year 1924.

FRED. E. WYNNE, B.A., M.B., B.Ch., D.P.H.,
Medical Officer of Health.

LOXLEY BROTHERS LTD., PRINTERS, SHEFFIELD

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City of Sheffield.

HEALTH COMMITTEE

as at December 31st, 1924.

The Lord Mayor :
Alderman A. J. BAILEY.

Chairman :
Councillor HAROLD W. JACKSON.

Deputy Chairman :
Councillor OLIVER C. WILSON.

Alderman J. BENSON.
Councillor W. ASBURY.
,, A. ASHMORE.
,, E. ATKIN.
,, W. BANCROFT.
,, Mrs. CHEETHAM.

Councillor J. D. COOK.
,, Mrs. LONGDEN.
,, F. H. MELLOR.
,, J. D. SCOTHERN.
,, M. SHEPPARD, M.C.
,, W. TUMMON.
,, S. WARREN.

SUB-COMMITTEES.

Sanitary Sub-Committee.

Councillor W. ASBURY.
,, A. ASHMORE.
,, E. ATKIN.
,, Mrs. CHEETHAM.

Councillor J. D. COOK.
,, F. H. MELLOR.
,, W. TUMMON.
,, OLIVER C. WILSON.

Smoke Nuisance Sub-Committee.

Alderman J. BENSON.
Councillor W. BANCROFT.
,, J. D. SCOTHERN.

Councillor M. SHEPPARD.
,, W. TUMMON.
,, S. WARREN.

Audit Sub-Committee.

Councillor E. ATKIN.
,, J. D. COOK.

Councillor J. D. SCOTHERN.
,, W. TUMMON.

Maternity and Child Welfare Sub-Committee.

Councillor W. ASBURY.
,, A. ASHMORE.
,, E. ATKIN.
,, W. BANCROFT.
,, Mrs. CHEETHAM.
,, J. D. COOK.
,, Mrs. LONGDEN.
,, F. H. MELLOR.
,, M. SHEPPARD.

Councillor W. TUMMON.
,, S. WARREN.
,, OLIVER C. WILSON.
Mrs. J. KAYE.
,, F. M. MUIR.
Miss E. A. HANCOX.
Sister A. BEGG.
,, S. MARTIN.
Mr. J. MOORE.

Tuberculosis Sub-Committee.

Councillor W. ASBURY.
,, E. ATKIN.
,, Mrs. CHEETHAM.
,, Mrs. LONGDEN.

Councillor W. TUMMON.
,, S. WARREN.
,, OLIVER C. WILSON.

Also one representative from each Board of Guardians, and two representatives from the Sheffield Insurance Committee.

PUBLIC HEALTH STAFF.

Medical Officer of Health, Administrative Tuberculosis Medical Officer, and Chief Sanitary Inspector	Fred. E. Wynne, B.A., M.B., B.Ch., D.P.H.
Deputy Medical Officer of Health and Tuberculosis Medical Officer	J. Rennie, M.D., D.P.H.
Assistant Tuberculosis Medical Officers	N. Keating, L.R.C.P., L.R.C.S.
	J. R. Liddell, M.R.C.S., L.R.C.P.
	J. H. Campbell, M.R.C.S., L.R.C.P.
	J. M. Tyrrell, M.B., Ch.B.
	E. R. A. Merewether, M.D., B.S.
Surgical Tuberculosis Medical Officer	C. Lee Pattison, M.B., M.R.C.S.
Assistant Medical Officers for Maternity and Child Welfare (part time)	H. Leader, M.B., M.R.C.S., L.R.C.P.
	Jean Marr, M.B., Ch.B.
	Ella Bremner, M.B., Ch.B.
	Alice White, M.B., Ch.B., M.R.C.S., L.R.C.P.
	C. D. Holdsworth, M.D., M.R.C.S.
	Agnes Stewart McIntyre, M.B., Ch.B.
	A. W. Scott, M.D., M.R.C.S.
	J. Blyth, M.D., C.M.
Venereal Disease Medical Officers (part time)	A. Rupert Hallam, M.D., Ch.B.
	T. B. Mouat, M.D., Ch.B., F.R.C.S.
	E. F. Skinner, M.A., M.B., B.Ch., F.R.C.P., M.R.C.S.
	J. B. Ferguson Wilson, M.S., M.B., F.R.C.S., L.R.C.P.
	J. Chisholm, M.B., Ch.B., F.R.C.S.
	H. Leader, M.B., M.R.C.S., L.R.C.P.
Chief Veterinary Inspector	J. S. Lloyd, F.R.C.V.S., D.V.S.M.
Assistant Veterinary Inspector	C. H. Ducksbury, M.R.C.V.S., D.V.S.M.
City Analyst	J. Evans, F.I.C., F.C.S.
Superintendent Sanitary Inspectors	W. H. Harrison, M. Faulder, A. Green, A. E. Birkhead, F. J. Lofley, W. Nicholson (Smoke), J. B. Howard (Workshops), C. W. Lucas (Conversion of Privies), G. Abdy (Tuberculosis), F. Unwin (Meat), F. Johnson (Food and Drugs).
Chief Woman Sanitary Inspector	Mrs. G. Franks.
Disinfecting Station Superintendent	W. Bott.
Principal Clerk	W. Watson.
Chief Correspondence and General Clerk	W. Swallow.
Tuberculosis Clerk	G. F. Hallatt.
Statistics and Accounts Clerk	F. O. Rideout.
Maternity and Child Welfare Clerk	Miss M. Walkland.

GENERAL STATISTICS.

Area (as extended November 9, 1921)		31,616 acres.
Population—1924 mean, as estimated by the Registrar General		525,000
Number of Structurally Separate Dwellings at Census 1921 (area as extended)		
In Occupation	109,923	
Not in Occupation	2,170	
		112,093
Rateable Value (October, 1924)		£2,491,260
Sum represented by a Penny Rate (October, 1924)		£9,650

EXTRACT FROM VITAL STATISTICS OF THE YEAR.

	Total.	Males.	Females.	
Births (Legitimate)	9,364	4,807	4,557	Birth Rate, 18·5
,, (Illegitimate)	348	191	157	
Deaths	6,110	3,285	2,825	Death Rate, 11·6

Number of women dying in, or in consequence of, childbirth—from sepsis	23
from other causes	21

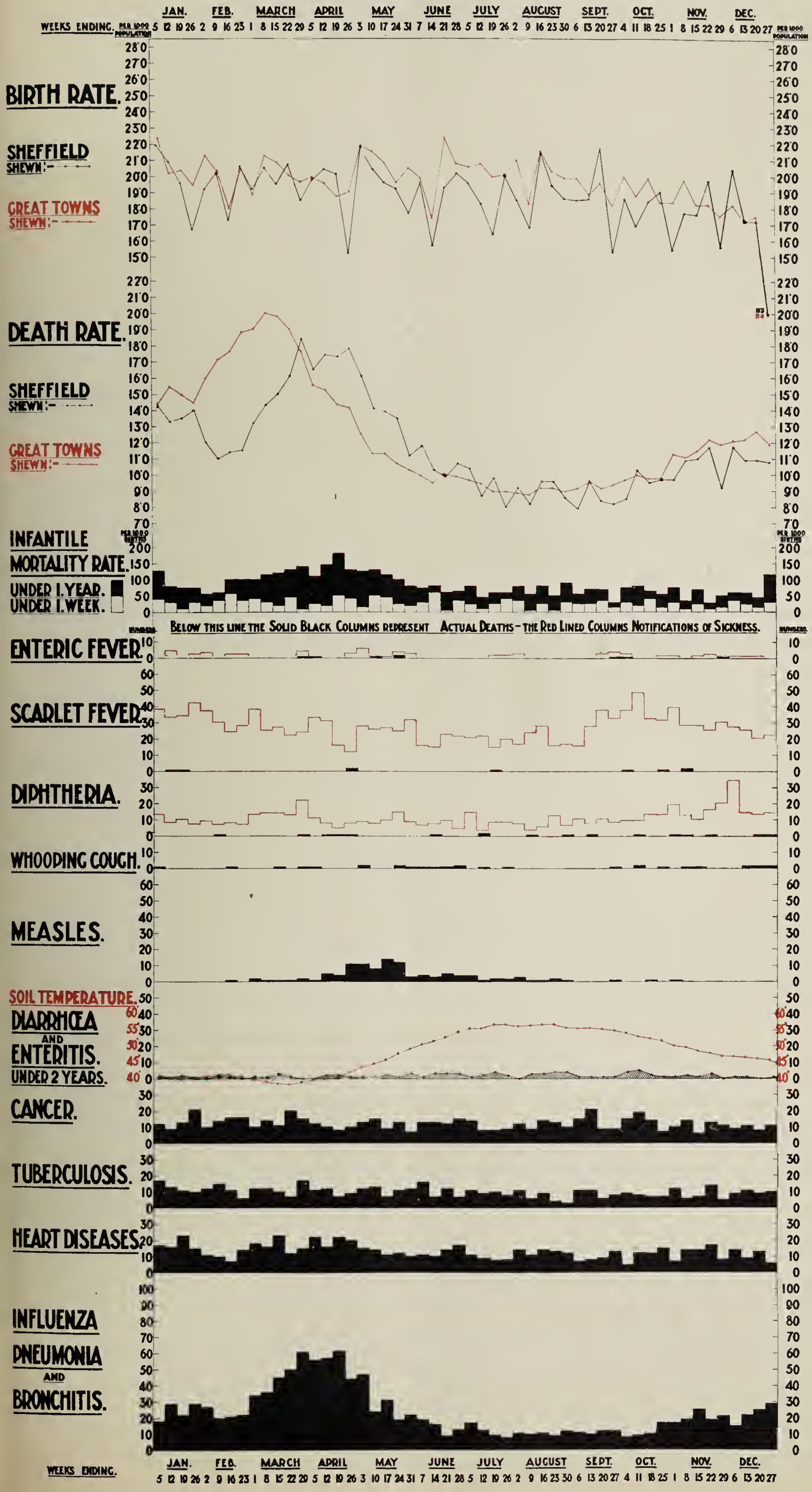
Deaths of Infants under one year of age per 1,000 births :—

Legitimate .. 87. Illegitimate .. 155. Total .. 90.

Deaths from Measles (all ages)	114
,, Whooping Cough (all ages)	31
,, Diarrhœa (under 2 years of age)	88

1924. CITY OF SHEFFIELD. 1924.

VITAL AND MORTAL STATISTICS.



TOWN HALL, SHEFFIELD,
JULY, 1925.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE.

MR. CHAIRMAN, MESDAMES, AND GENTLEMEN,

I have the honour to present herewith my Report on the Health of the City during 1924.

As will be seen from the figures given in the body of the Report, the result of the year's work has been eminently satisfactory.

The General Death Rate is next to the lowest hitherto recorded, and is again lower than that of England and Wales as a whole.

The Death Rate from almost all the principal causes has been reduced.

Cancer, unfortunately, continues to increase, though at a less rate in Sheffield than in the rest of England and Wales.

The outstanding feature of the year from the Public Health point of view has been the very serious outbreak of Epidemic Encephalitis (Encephalitis Lethargica) which, commencing towards the end of the first quarter continued throughout the year. This experience was shared with most of the other centres in England and Wales, but the incidence of the disease was heavier in Sheffield than in any other city or town. Apart from the fatal cases the after-effects have in many cases been tragic. These after-effects are at present being investigated by the newly-formed Medical Advisory Committee. The formation of this Committee is itself an event of first-rate importance to the City, and one which I believe is destined to have far-reaching effects. Its formation mobilises all classes of medical workers in the City for the study of modern problems in preventive medicine, and their services are available at all times to the Corporation and other responsible administrative bodies.

During the year under review an important advance has also been made in the administration of the Milk and Dairies (Amendment) Act, 1922.

The Chairman and members of the Sanitary Sub-Committee have personally devoted many hours to the visiting of farms and milk-shops, and have thus been able to establish a standard of cleanliness which determines their policy in the granting or refusal of registration. Although the work is yet far from completion, there is no doubt that there is already a very great improvement in the conditions under which milk is handled and sold in Sheffield.

The work of the Health Department has had to be carried out with an estimate greatly reduced from that of five years ago, and the progress that has been made is the more satisfactory.

For the measure of success achieved I have to thank the members of the staff, medical, veterinary, clerical, and inspecting, for their loyal co-operation and very hard work.

I wish also to thank the Committee for their unfailing sympathy and support in the work of the Department.

Your obedient Servant,
FRED. E. WYNNE, B.A., M.B., B.Ch., D.P.H.,
Medical Officer of Health.

VITAL AND MORTAL STATISTICS.

Special Features.—The General Death Rate was next to the lowest on record, the actual lowest being 1923. The very low mortality rate from Tuberculosis constituted a new record. The mortality rate from Cancer again rose, the figure being 88 per cent. above that recorded 25 years ago (quinquennium 1897-1901), but is still below the England and Wales figure.

Area.—The area of the City as extended 9th November, 1921, is 31,616 acres.

Population.—The Registrar General's estimate of the population of Sheffield at the middle of 1924 was 525,000, which assumes a net increase of population during the period June, 1923, to June, 1924, of 800. The natural increase, *i.e.*, the excess of births over deaths, from June, 1923, to June, 1924, was 3,757, which is 2,957 more than the increase allowed in the Registrar General's estimate. The paragraph in the Memorandum of the Registrar General dealing with the matter reads as follows :—

> " The estimates of population as at 30th June, 1924, which are now provided have been based on the adjusted 1921 figures, after allowance for the varying rate of natural increase as evidenced by the births and deaths in each area and of migration as indicated from other sources of information such as the changes in the numbers on the Electoral Register and the migration returns obtained by the Board of Trade, and are supplied only for use in Vital Statistics."

The adjusted 1921 figures referred to in the preceding Memorandum are given in the middle column below :—

	Population at Census 19th June, 1921.	Estimated Mid-year Population adjusted for holiday movement at Census.	Difference representing re-distribution adjustment (principally).
Sheffield as constituted before 9th November, 1921	490,639	497,900	7,261
Sheffield as constituted on 9th November, 1921	511,668	519,239	7,571
Area added to City, 9th November, 1921	21,029	21,339	310

With regard to the figures showing the distribution of population in Registration Sub-Districts and Sections, which appear in Table V, the estimates for Registration Sub-Districts have been based upon the 1921 Census ; but the apportionment over the Sections has been made in accordance with the 1911 Census enumeration, with certain additions in respect of new houses erected in these areas since 1921. The reason for using 1911 Census figures in the apportionment over the Sections is because the particulars of populations and boundaries of the enumeration areas as at 1921 Census were not available in time.

Sex and Age Distribution.—The following Table, which is taken from the 1921 Census reports, is reproduced in order to show the age and sex distribution of the population of the City and the change which has taken place during the 10 years between 1911 and 1921.

TABLE A.—*Censuses* 1911 *and* 1921. *Percentage of each sex in quinquennial age groups.*

Ages.	1911.		1921.	
	Percentages.		Percentages.	
	Males.	Females.	Males.	Females.
0— 4	12·0	11·8	—10·0	— 9·3
5— 9	11·0	10·7	—10·1	— 9·8
10—14	10·0	9·9	+10·4	+10·3
15—19	9·2	9·4	+ 9·4	+ 9·7
20—24	8·2	8·6	— 8·0	+ 8·9
25—29	8·7	8·8	— 7·7	— 8·2
30—34	8·6	8·3	— 7·1	— 7·3
35—39	7·9	7·4	— 7·4	— 7·3
40—44	6·4	6·0	+ 7·2	+ 6·9
45—49	5·2	5·0	+ 6·7	+ 6·1
50—54	4·1	4·1	+ 5·3	+ 4·8
55—59	3·2	3·2	+ 4·0	+ 3·7
60—64	2·4	2·5	+ 2·8	+ 2·9
65—69	1·6	1·9	+ 2·0	+ 2·2
70—74	0·9	1·2	+ 1·1	+ 1·4
75—79	0·4	0·6	+ 0·6	+ 0·8
80—84	0·2	0·3	= 0·2	= 0·3
85—89	0·0	0·1	= 0·0	= 0·1
90—94	0·0	0·0	= 0·0	= 0·0
95 and over	0·0	0·0	= 0·0	= 0·0

The signs +, —, and = show the comparison with 1911 figures—higher, lower, or equal.

Marriages.—The marriage rate was 15·1, a decrease of 0·1 when compared with the rate for 1923. It was pointed out in the Annual Report for 1921 that for the first time on record the marriage rate was less in Sheffield than in England and Wales as a whole. The disparity was further accentuated in 1922, when the rate fell to 14·4 as compared with 15·7 for England and Wales. Sheffield's rate for 1922, moreover, was the lowest recorded for the City, whilst that for England had been lower than in 1922 in 17 of the 33 years shown in the table. The rate for 1923 was the same in Sheffield as for England and Wales, and in 1924 only 0·2 below that for England and Wales.

Table III gives marriages and rates for Sheffield and for England since 1890.

Births.—The number of births registered during the year was 9,817, and the transferable births numbered 72 inwards and 177 outwards. The number of births allocated to Sheffield, therefore, was 9,712, which was less than in the preceding year by 483. The annual birth rate was 18·5 per 1,000 persons living. The average rate for the previous ten years was 23·0. Owing to the doubt about the accuracy of population estimates for the years 1914 to 1921, the actual number of births are given in the following table for the years 1914 onward, together with the birth rates :—

Year.	Births.	Rate per 1,000.
1914	13,004	27·3
1915	12,139	25·5
1916	12,063	23·8
1917	11,026	21·1
1918	10,746	20·6
1919	10,353	21·0
1920	13,130	26·6
1921	11,907	23·8
1922	10,804	20·7
1923	10,195	19·4
Average 1914-23	11,537	23·0
1924	9,712	18·5

The birth rate for 1924 is 4·5 lower than the average for the last decade, and is the lowest ever recorded.

Deaths.—The number of deaths of Sheffield residents during the year among the civil population was 6,110 (3,288 male, 2,822 female), making a death rate of 11·6 per 1,000 living. Sheffield established a fresh record for low death rate for five successive years to 1923, when the rate fell to

11·5. The rate for 1924 comes between the figures for 1922 and 1923. The average death rate for the decade 1914-1923 was 14·8. For the reason stated above, the actual number of deaths are given in the following table, which embraces the War years :—

	Year.	Deaths.	Rate per 1,000.
	1914	7,790	16·3
	1915	8,173	17·2
	1916	7,262	15·6
	1917	6,892	14·7
	1918	9,732	20·9
	1919	6,564	13·9
	1920	6,622	13·4
	1921	6,284	12·5
	1922	6,097	11·7
	1923	6,012	11·5
Average	1914-23	7,143	14·8
	1924	6,110	11·6

A comparison of the death rate of Sheffield with that of England and Wales in quinquennia is given in the following table. It will be noted that for the years 1921-4 Sheffield's rate is below that for England and Wales. The lower mortality rate from Diphtheria, Enteric Fever, and Cancer in Sheffield is more than sufficient to account for this.

Quinquennial Periods.	Mean Annual Mortality Rate per 1,000 of the Population. Sheffield.	England.
1871-1875	26·8	22·0
1876-1880	24·2	20·8
1881-1885	21·6	19·4
1886-1890	22·1	18·9
1891-1895	20·9	18·7
1896-1900	20·6	17·7
1901-1905	18·2	16·1
1906-1910	16·4	14·7
1911-1915	15·9	14·1
1916-1920	15·7	14·5
1921-1924 (4 years only)	11·8	12·2

SMALL-POX.—There were four cases of Small-Pox notified during the year, none of which were fatal.

The diagnosis was in each case confirmed by the Medical Officer of Health, and the patient was immediately removed to the Grenoside Hospital. All immediate contacts were isolated in the Dart Square Cottages and were there vaccinated. No case occurred among the contacts.

The following are the addresses of the patients notified and the date of the notification is given alongside :—

(1)	79, Halifax Road	30th August.
(2)	29, Spring Street	24th June.
(3)	70, Guernsey Road	12th May.
(4)	70, Guernsey Road	12th May.

The contacts were maintained at the expense of the Corporation, and reasonable compensation for any damage resulting from disinfection was paid in every case. All the cases were of the peculiarly mild description associated with recent outbreaks in other parts of England, and I have again to thank the medical men practising in Sheffield for their vigilance and for giving me the opportunity of seeing every doubtful case.

I have again specially to thank Dr. Egerton Williams for his unfailing help and great experience in the difficult matter of diagnosis of these mild and doubtful cases ; also Dr. A. Anderson for making all arrangements for the reception and treatment of these cases in the Grenoside Hospital.

All the patients made a good recovery.

MEASLES.—The number of cases notified voluntarily during 1924 was 457, 97 of which were removed to the City Hospital, Lodge Moor.

The mortality rate for the year was 0·22, or 0·20 higher than the rate for 1923, which was the lowest ever recorded for Sheffield. The average rate for the five years 1919-23 was 0·20 per annum.

SCARLET FEVER AND DIPHTHERIA.—The death rate from Scarlet Fever was 0·02 per 1,000 of the population, which has to be compared with an average annual rate of 0·03 for the quinquennium 1919-1923, and the attack rate was 2·5 per 1,000, as against 2·3 for the quinquennium 1919-1923.

TABLE B.—*Scarlet Fever and Diphtheria, Sheffield. Incidence under Different Housing Conditions in Invaded Households and Total Households ; also Case Fatality among Home-Treated and Hospital-Treated Cases, during years* 1923–1924.

HOUSEHOLDS.	Total Occupants.				Cases Under 15 Years of Age.		Attack Rate.				Cases Treated at Home.						Cases Removed to Hospital.					
	All Ages.		Under 15 Years of Age.				Per 1,000 at all Ages.		Per 1,000 under 15.		Cases.		Deaths.		Percentage Case Fatality.		Cases.		Deaths.		Percentage Case Fatality.	
SCARLET FEVER.	1923	1924	1923	1924	1923	1924	1923	1924	1923	1924	1923	1924	1923	1924	1923	1924	1923	1924	1923	1924	1923	1924
Invaded Households with less than one Person per Room.. ..	1,324	1,081	636	422	342	281	258	260	538	666	89	76	..	..	..	..	253	205	1	..	0·4	..
Total Households with do.	*145,724*		..	..	..		*2·35*	*1·93*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invaded Households with one or two Persons per Room ..	3,694	3,233	1,784	1,427	700	610	189	189	392	427	44	27	1	..	2·3	..	656	583	8	3	1·2	0·5
Total Households with do.	*275,938*		..	..	..		*2·90*	*2·21*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invaded Households with more than two Persons per Room ..	1,279	1,232	677	638	186	180	145	146	275	282	1	2	..	..	..	..	185	178	..	2	..	1·1
Total Households with do.	*57,738*		..	..	..		*3·22*	*3·12*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DIPHTHERIA.																						
Invaded Households with less than one Person per Room.. ..	367	177	147	66	91	46	248	260	619	697	19	10	1	..	5·3	..	72	36	2	3	2·8	8·3
Total Households with do.	*145,724*		..	..	..	..	*0·62*	*0·32*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invaded Households with one or two Persons per Room ..	1,302	1,124	615	495	232	206	178	183	377	416	11	18	2	3	18·1	16·7	221	188	6	8	2·7	4·3
Total Households with do.	*275,938*		..	..	..	..	*0·84*	*0·75*	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invaded Households with more than two Persons per Room ..	492	671	264	349	67	93	136	139	254	266	1	1	..	..	..	..	66	92	3	4	4·5	4·3
Total Households with do.	*57,738*		..	..	..	..	*1·16*	*1·61*	..		..		..	..	..	..	..	..	..	..	..	..

NOTE.—The figures given for Total Households as the Total Occupants living under the different degrees of density of occupation in the City represent "Private Families," and are approximate only, exact figures not being available in the Census Report for 1921.

The Total Number of Persons in "Private Families" was 479,400 (before extension of City), and the Total Population was 490,639.

The death rate from Diphtheria was 0·04 per 1,000 of the population. On two occasions only, in 1923 and 1921, has the rate been lower, the figures for these years being 32 and 36, respectively. The death rate for the quinquennium 1919-1923 was 0·05. The attack rate during 1924 was 0·98, as compared with 0·96 for 1923 and 1·17 for the quinquennium 1919-1923.

Figures are repeated which were got out for the first time last year to show the relation between these diseases and domestic accommodation. These are given in Table B, on page 14. For this purpose households have been grouped in three classes, viz , those with less than one person per room, those with one or two persons per room, and those with more than two persons per room.

Taking the figures for the population in *houses attacked* in each of these categories, we do not find the relation that might have been expected between the incidence of these diseases and overcrowding. The attack rate, in fact, declines as the number of persons per room increases.

To limit the calculation of the rate of incidence to the population in *houses attacked,* however, not only reduces the figures to a total on which it is unsafe to base general conclusions, but gives an undue predominance to certain factors of probable error. For instance, the evil effects of overcrowding may be to some extent counterbalanced by a greater willingness among the poorer classes of the community to agree to removal to the Isolation Hospital.

I have accordingly had an estimate made of the *total population* of those living under the same three categories, and calculated the attack rate in these populations. The figures in the table show that calculated on this basis the incidence of both diseases increases with domestic congestion. Such congestion, therefore, does appear to increase the incidence of these diseases, although it is a less potent factor than might have been expected in promoting their spread among the population invaded.

These considerations involve some very important problems in connection with the whole question of infectivity, and our Sheffield figures must be collated with similar figures from other large areas before any attempt can be made at interpretation of what at first may seem to be somewhat discrepant results.

WHOOPING COUGH.—The mortality from this disease was at the rate of 0·06 per 1,000 living. The average for the quinquennium 1919-1923 was 0·13.

TYPHOID FEVER.—The death rate from Typhoid Fever gradually declined from 0·09 in 1912 to 0·002 in 1919, and in 1920 not a single death was attributed to this disease. In 1921, however, there were six deaths, giving a rate of 0·012. Two out of the six were Handsworth deaths occurring in November, 1921. In 1922 there were four deaths in the City, giving a rate of 0·008 ; in 1923 eight, giving a rate of 0·015 ; and in 1924 ten, giving a rate of 0·019 per 1,000 of the population.

The number of Typhoid cases notified during the year 1924 was 45, or an attack rate of 0·09 per 1,000 living, which has to be compared with 0·068 for the quinquennium 1919-1923.

At one time we looked forward with absolute certainty to the increase of Typhoid Fever in the Autumn. Since 1914 there has been no autumnal increase in the prevalence of Typhoid Fever. During September, October, and November, 1923, however, 18 new cases were notified and this was made the occasion for a special report to the Ministry of Health. The number of new cases reported in 1924 was three in excess of 1923, but the cases were fairly evenly distributed over the whole year.

DIARRHŒA AND ENTERITIS, UNDER TWO YEARS OF AGE.—The death rate among infants under two from Diarrhœa and Enteritis during 1924 was 0·17 per 1,000 persons living. The death rates in recent years have been as follows :—0·24 for 1923, 0·15 for 1922 (the lowest on record), 0·46 for 1921, 0·43 for 1920, 0·28 for 1919, 0·37 for 1918, 0·44 for 1917, 0·39 for 1916, 0·85 for 1915, 0·89 for 1914, and 0·89 for 1913.

The great improvement in the prevalence of Diarrhœa can only be attributed to the greater attention given to Child Welfare, the activities of the Women Inspectors, especially their educational work, and the large substitution of Dried Milk for fluid milk ; the measures taken for the prevention of fly breeding, and instructions to the public as to the danger of flies, the lessened number of privy middens in the congested parts of the town, and the campaign against unpaved yards.

Cerebro-Spinal Fever.—During the year there were nine notified cases of Cerebro-Spinal Fever. Five of the cases ended fatally.

Acute Poliomyelitis.—53 cases of Acute Poliomyelitis were notified, as against one in 1923 and 20 in 1922. One case was fatal.

TABLE C.—*Diseases made Notifiable during 1919.*

	Cases Notified.					
	1919.	1920.	1921.	1922.	1923.	1924.
Encephalitis Lethargica	7	17	14	8	9	337
Pneumonia—Acute Primary and Acute Influenzal	830	1759	1275	2367	2832	3345
Trench Fever	8	..	..	..	..	..
Dysentery	5	2	2	1	2	1
Malaria	78	21	13	7	4	1

All the notified cases of Trench Fever, Dysentery, and Malaria were contracted abroad, with the exception that in the case of two Malaria patients notified in 1923 there was an element of doubt ; both, however, had served with H.M. Forces abroad.

Encephalitis Lethargica.—As already mentioned, the year was unfortunately noteworthy for a very severe outbreak of Encephalitis Lethargica. The first case was notified on January 14th, and the total number of notifications, in which the diagnosis was, as far as possible confirmed, was 337. The number of deaths was 40, giving a fatality rate of 12 per cent.

Of these fatal cases 23 were males and 17 females.

I have obtained very full particulars of 317 confirmed cases. Of these, 185, or 58 per cent., were males ; and 132, or 42 per cent., were females ; while 177, or 56 per cent., were under the age of 21.

These cases are at present the subject of an organised enquiry by the Medical Advisory Committee, which will issue a detailed report as soon as its investigations are complete. The report will deal with possible factors in the causation and spread of the disease, with its clinical manifestations and pathology, and especially with the frequently disastrous after-effects of the disease.

To the Chairman, Professor Arthur J. Hall, and the other members of the Committee, and to all the medical men in Sheffield who have willingly and voluntarily supplied an enormous mass of detailed information with respect to their cases, I feel that the thanks of the Health Committee, and through them of the public, are especially due for much arduous labour performed in the public interest.

Influenza.—It will be remembered that the prevalence of Influenza was world-wide in 1918. All parts of the country have been visited by minor epidemics in each year since then.

The principal incidence of Influenza during the year under review took place during February, March and April, when the death rate from this cause rose to a maximum of 1·5 during the week ended 5th April. In 1923 the highest point was 4·5 in the week ended 12th May.

There was a corresponding increase during this period in the other great towns.

The mortality rate from Influenza was 0·35 per 1,000 in 1924, as compared with 0·51 per 1,000 in 1923, 0·23 in 1922, 0·47 in 1921, 0·86 in 1920, 1·10 in 1919, and 4·55 in 1918. The mortality rate in the 105 County Boroughs and Great Towns during 1924 was 0·45 per 1,000 of the population.

Pneumonia.—It has been the practice since the beginning of 1922 to draw the attention of the medical attendant to failure to notify whenever an un-notified case of Pneumonia has appeared in the deaths returns. This has resulted in practically every case of fatal Pneumonia being notified prior to death, and has made the incidence of Pneumonia in Sheffield apparently excessive as compared with other towns.

Particulars are given below with regard to mortality from Pneumonia in males and females during 1924 and the previous five years. These figures show that there is no real excess of Pneumonia in the City :—

TABLE D.—*Pneumonia Mortality.*

Year.	Deaths.			Rate per 1,000.
	Males.	Females.	Totals.	
1919	420	282	702	1·48
1920	490	294	784	1·60
1921	356	273	629	1·26
1922	327	176	503	0·96
1923	317	217	534	1·02
Average for 5 years	382	248	630	1·26
1924	357	222	579	1·10

Bronchitis.—The mortality in the sexes during 1924 and the quinquennium 1919-23 is set out in the table below :—

TABLE E.—*Bronchitis Mortality.*

Year.	Deaths.			Rate per 1,000.
	Males.	Females.	Totals.	
1919	340	360	700	1·48
1920	348	281	629	1·28
1921	289	273	562	1·12
1922	279	228	507	0·97
1923	235	220	455	0·87
Average for 5 years	298	272	571	1·14
1924	241	239	480	0·91

Cancer.—The mortality from Cancer in the sexes during 1924 and the previous five years is set out below :—

TABLE F.—*Cancer Mortality.*

Year.	Deaths.			Rate per 1,000.
	Males.	Females.	Totals.	
1919	225	227	452	0·95
1920	254	267	521	1·08
1921	280	302	582	1·16
1922	286	329	615	1·18
1923	296	325	621	1·19
Average for 5 years	268	290	558	1·11
1924	339	314	653	1·24

The increase in Cancer mortality is shared with the rest of the United Kingdom, although in Sheffield the mortality rate is somewhat lower. It is partly accounted for by the reduced death rate which results in an increased number of persons reaching the age periods over 40 when Cancer is most prevalent. There is also no doubt earlier and more accurate diagnosis of cancerous conditions. It is generally agreed, however, that there is an actual increase in the prevalence of Cancer which has not as yet been accounted for.

Tuberculous Diseases.—The death rate from Tuberculous Diseases declined steadily from 1901 to 1910, but during the next four years there was a setback in the decline ; and during the years of the War there was a decided tendency to increase. There was again a marked decline in 1919, and the improvement has been maintained.

The death rates from all Tuberculous Diseases during the last 20 years were as follows :—

1904	1·88	1911	1·59	1918	1·84
1905	1·64	1912	1·67	1919	1·28
1906	1·52	1913	1·64	1920	1·19
1907	1·70	1914	1·68	1921	1·24
1908	1·78	1915	1·78	1922	1·22
1909	1·57	1916	1·73	1923	1·03
1910	1·39	1917	1·82	1924	1·02

The deaths from Tuberculosis of the Lung alone gave a rate of 0.82 per 1,000 living during 1924. The average for the quinquennium 1919-1923 was 0·96.

The following shows sex mortality during the past 10 years :—

TABLE G.—*Tuberculosis Mortality in Sexes.*

Year.	Tuberculosis Deaths.						Total Deaths.
	Pulmonary.		Other forms.		All forms.		
	Male.	Female.	Male.	Female.	Male.	Female.	
1915	422	231	98	98	520	329	849
1916	425	212	120	73	545	285	830
1917	417	248	111	90	528	338	866
1918	409	254	115	87	524	341	865
1919	286	186	71	56	357	242	599
1920	293	169	54	74	347	243	590
1921	307	193	64	55	371	248	619
1922	349	188	50	49	399	237	636
1923	265	183	50	41	315	224	539
1924	286	145	60	46	346	191	537

The notifications of Tuberculosis of Lung since 1911 were as follows :—

1911	836 cases.	1918	1472 cases.
1912	981 ,,	1919	1001 ,,
1913	1033 ,,	1920	1139 ,,
1914	948 ,,	1921	1255 ,,
1915	1219 ,,	1922	1312 ,,
1916	1351 ,,	1923	1414 ,,
1917	1544 ,,	1924	1464 ,,

The notifications of Tuberculosis of organs other than the lungs since 1914—the first full year after the commencement of notification—were as follows :—

1914	458 cases.	1919	234 cases.
1915	373 ,,	1920	253 ,,
1916	433 ,,	1921	254 ,,
1917	492 ,,	1922	275 ,,
1918	387 ,,	1923	308 ,,
		1924	341 ,,

Table H, which follows, gives a comparison of the death rates from All Forms of Tuberculosis and Respiratory Tuberculosis in England and Wales and the 16 other large towns, showing the percentage reduction in each case from 1915 to 1924.

It will be seen that in 1924 Sheffield's death rate from Tuberculosis, both as regards Respiratory Tuberculosis and all other forms, was less than that of any other town, very considerably less than most of them, and actually less than the death rate for England and Wales.

TABLE H.—*Tuberculosis, All Forms, and Tuberculosis of the Respiratory System. Mortality per Million Living. England and Wales and Towns over* 200,000 *Population. Years* 1915-1924.

Town.	1915.		1916.		1917.		1918.		1919.		1920.		1921.		1922		1923.		1924.		Percentage Reduction. 1915–24.	
	All Forms.	Respy.	All Forms.	Respy.	All Forms.	Respy.	All Forms.	Respy.	All Forms.	Respy.	All Forms.	Respy.	All Forms.	Respy.	All Forms.	Respy.	All Forms.	Respy.	All Forms.	Respy.	All Forms.	Respy.
England & Wales	1515	1161	1529	1178	1624	1250	1694	1343	1258	996	1131	889	1127	884	1121	889	1062	836	1061	844	30·0	27·4
Birmingham ..	1602	1327	1568	1313	1628	1361	1604	1354	1358	1162	1093	918	1115	939	1108	931	1067	885	1099	973	31·4	26·7
Liverpool ..	2305	1860	2283	1812	2509	1972	2627	2083	1777	1447	1722	1399	1676	1268	1655	1321	1608	1251	1500	1300	34·9	30·1
Manchester ..	2340	1916	2325	1843	2377	1860	2209	1796	1627	1331	1492	1218	1653	1319	1602	1275	1534	1245	1480	1180	36·8	38·4
SHEFFIELD ..	**1781**	**1368**	**1779**	**1366**	**1847**	**1415**	**1920**	**1468**	**1275**	**1007**	**1181**	**928**	**1228**	**974**	**1209**	**1001**	**1023**	**851**	**1023**	**821**	**42·6**	**40·0**
Leeds	1981	1467	2216	1600	2309	1645	2264	1660	1683	1291	1538	1211	1383	1091	1416	1129	1371	1068	1393	1088	29·7	25·8
Bristol	1596	1292	1638	1338	1741	1437	1801	1514	1340	1102	1215	985	1100	935	1323	1060	1209	949	1116	934	30·1	27·7
West Ham ..	1824	1338	1715	1316	1883	1478	2085	1689	1462	1167	1303	1091	1274	1013	1193	957	1177	951	1191	970	34·7	27·5
Hull	1829	1395	1870	1385	2143	1579	2251	1693	1523	1087	1317	984	1443	1086	1412	1017	1233	983	1320	1037	27·8	25·7
Bradford ..	1617	1279	1730	1250	1569	1224	1760	1440	1358	1128	1125	932	1192	924	1033	779	1069	839	1051	882	35·0	31·0
Newcastle ..	1978	1420	2057	1554	2157	1598	2017	1524	1650	1240	1814	1379	1634	1246	1499	1158	1476	1099	1470	1120	25·7	21·1
Nottingham ..	1742	1384	1795	1371	1752	1385	1969	1468	1514	1235	1160	879	1152	901	1247	993	1181	899	1160	960	33·4	30·6
Stoke-on-Trent. .	1726	1282	2102	1524	2134	1553	2097	1565	1546	1203	1479	1099	1515	1197	1380	1096	1228	978	1160	920	32·8	28·2
Portsmouth ..	1803	1299	1516	1041	2005	1486	1765	1450	1268	987	1156	929	1176	906	1175	909	1045	854	1162	938	35·6	27·8
Salford	2223	1732	2087	1578	2077	1552	2232	1711	1644	1304	1660	1360	1644	1355	1662	1359	1627	1353	1510	1190	32·1	31·3
Leicester ..	1819	1518	1820	1499	2010	1657	2084	1685	1457	1212	1463	1179	1467	1181	1541	1286	1439	1222	1438	1186	20·9	21·9
Cardiff	1979	1422	1974	1475	2060	1700	2267	1896	1639	1296	1605	1336	1534	1238	1568	1287	1693	1340	1524	1276	23·0	10·3
Plymouth ..	1783	1293	1979	1420	1907	1416	2177	1665	1665	1286	1238	990	1301	1051	1352	1093	1321	1067	1306	1083	26·8	16·2

The percentage reduction in the death rate from Tuberculosis, under both headings, during the past 10 years, is also the highest of any town.

These results are particularly gratifying in view of the nature of the principal industries of Sheffield. The great improvements in the conditions under which various classes of grinding and abrasive industries are now carried out, and the detection and treatment of early cases under the Silicosis Regulations, must be an important factor in the remarkable reduction of mortality which has occurred since 1915. Nevertheless, the conditions under which many of the men in the cutlery trade are employed are still profoundly unsatisfactory. They will never, in my opinion, be as they should be until the present antiquated organisation of this trade is reformed, and the system of giving out work to the lessees of little, dark, insanitary " wheels " is abandoned in favour of large and economically-organised factories, where proper equipment for ventilation, etc., would be provided and adequate supervision made possible.

It is at present impossible to prevent the practice of spitting in these places ; ventilation ducts for the removal of dust are not infrequently blocked up to prevent " draughts," and the " dry-racing " of grindstones is sometimes practised in contravention of the regulations. The system of having three stones run " tandem-fashion " means that men employed on the hinder-most stones are often working almost in the dark, which promotes uncleanliness and lowers the individual's resistance to respiratory and other diseases.

The large amount of unemployment which still prevails in these trades, although in other respects so regrettable, has probably had some effect in reducing the amount of Tuberculosis, as a large number of grinders and others employed in the dangerous sections of these trades are not at present exposed to the risk of damage to the lungs which occurs while they are at work.

TABLE I.—*Pulmonary Tuberculosis in Sheffield.—Mortality Rates among Workers in Unhealthy Trades, and among All Persons over* 15 (*for comparison*), *during the years* 1923 *and* 1924 :—

Trades.	Workers employed over 12 years of age (Census 1921).		Mortality from Pulmonary Tuberculosis.			
			Number of Deaths.		Rate per 1,000.	
			1923	1924	1923	1924
Grinders	4,893		34	35	6·9	7·2
Cutlers	3,940		12	11	3·0	2·8
Filecutters	2,011		4	7	2·0	3·5
	1923	1924				
All persons over 15 years of age in Sheffield (estimate)	367,082	367,642	425	414	1·2	1·1

Figures were taken out for mortality of Grinders, Cutlers, and Filecutters over 18 years of age in 10 years 1901 to 1910, and the Pulmonary Tuberculosis rates were as follows :—

Grinders, 14·8 ; Cutlers, 5·8 ; and Filecutters, 4·9 per 1,000 per annum.

Among the factors in the decline of Tuberculosis in Sheffield, perhaps the most important is the work of your Tuberculosis Officer, Dr. Rennie, and his staff, at the Hospitals and Dispensary. At the latter institution especially, an enormous number of cases of Tuberculosis suspects and contacts are kept under direct and continuous supervision.

The system adopted here differs in some respects from that recommended in the Astor Report and adopted by the Ministry of Health. But under the peculiar circumstances of Sheffield the methods which have been evolved appear to have justified themselves.

Other forms of Tuberculosis are treated by Dr. Lee Pattison at the admirably-equipped King Edward VII Sanatorium, and also as out-patients at the Tuberculosis Dispensary, Queen's Road. The results obtained at these institutions are responsible for the saving of many young lives and the prevention of much otherwise inevitable crippledom, and have had a marked influence on the reduction of our death rate.

Infant Mortality.—The number of deaths of Infants under one year of age was 871, as compared with 915 in 1923, 884 in 1922 and 1,173 in 1921. The number of births registered in 1924 was 9,712, as compared with 10,195 in 1923. The Infant Mortality is usually recorded as the number of deaths occurring under the age of twelve months per 1,000 births registered during the same period, and the rate for 1924 calculated in this manner is 90 per 1,000, the same as for 1923. This is next to the lowest on record, the lowest being 82 for 1922.

It is satisfactory to note that the actual number of deaths was less than in 1923. This is not reflected in the rate owing to the reduced number of births.

Deaths of infants occurring before the first month of life was reached numbered 428. This gives a rate of 44 per 1,000 births registered, or what is known as the neo-natal mortality. The neo-natal mortality for 1923 was 39 ; for 1922, 39 ; for 1921, 41 ; for 1920, 38 ; and for 1919, 43.

The following table gives alongside the Infant Mortality rates for England and for Sheffield during the past 20 years. The noteworthy feature of the comparison is that the rate for Sheffield in recent years has usually more nearly approached the English rate than it did in the first decade of the century.

TABLE J.—*Infant Mortality.*

Year.	Infant Mortality.		Excess over English Rate	Year.	Infant Mortality.		Excess over English Rate
	Sheffield.	England.			Sheffield.	England.	
1905	166	128	38	1915	133	110	23
1906	158	132	26	1916	109	91	18
1907	145	118	27	1917	104	96	8
1908	141	120	21	1918	128	97	31
1909	119	109	10	1919	96	89	7
1910	127	105	22	1920	104	80	24
1911	141	130	11	1921	99	83	16
1912	107	95	12	1922	82	77	5
1913	128	108	20	1923	90	69	21
1914	132	105	27	1924	90	75	15

Although the *rate* of Infantile Mortality has risen from 82 in 1922 to 90 in 1923 and 1924, the actual number of deaths under one year was 13 less in the year under review than in 1922, when the rate was the lowest ever recorded for Sheffield. This apparent discrepancy is due to the fact that the rate is calculated as a fraction of the number of births, and there was a decline in the number of births of 1,092.

If the principal causes of deaths of infants, as set forth in the following table, be examined, it will be seen that the usual fluctuations in the fatality of some of the more common infectious diseases took place. Thus, the number of deaths from Measles rose from 3 in 1923 to 35, while the deaths caused by Whooping-cough fell from 61 in 1923 to 13. There were again no fatal cases of Scarlet Fever under one year of age, and only 2 of Diphtheria, which caused one death in 1923.

For these annual fluctuations we are at present unable to account, and we are largely powerless to control them. The year's experience, however, proves yet again that as causes of mortality among young children, Scarlet Fever and Diphtheria have become negligible as compared with Measles and Whooping-cough. This fact has long been recognised by the medical profession, but the public persists in believing that Measles and Whooping-cough, the deadliest scourges of infancy, may be regarded as trivial complaints. Scarlet Fever and Diphtheria, on the other hand, still inspire all the horror which was justified a generation ago, but which modern treatment and other factors have rendered unnecessary.

This failure to appreciate facts is a serious handicap to preventive work. The control of Measles is especially difficult owing to the fact that it is infectious for some days before the rash appears, and of Whooping-cough because of the insidious nature of its onset. But our figures prove, and have proved for years, that the isolation of these diseases is more urgent than that of Scarlet Fever and Diphtheria. Most cases of the former could be successfully treated at home, hospital beds being retained for severe cases requiring institutional treatment, and the majority of beds now retained for their use being devoted to Measles and severe cases of Whooping-cough. The infectious stage of Measles is so much shorter than that of Scarlet Fever, that a much larger number of cases could be isolated and protected from complications, with a proportionate saving of young lives.

Taking Influenza, Bronchitis and Pneumonia as one group, there is a slight decline in the number of deaths, 212 being recorded in 1924 as against 220 in 1923.

The differentiation between Pneumonia and Bronchitis in infants is not of great importance as the terms "Capillary Bronchitis" and "Broncho-pneumonia," at this age, are practically interchangeable.

Deaths from Diarrhœa and Enteritis fell from 105 in 1923 to 67. Once more the relationship between these diseases and the sub-soil (four-foot) temperature, which used to be so constant, failed to reappear. The death-rate from Diarrhœa was less than one-fifth of what it was ten years ago.

Among the most important factors in bringing about this amazing decline in mortality from these causes, I think we must place the wide substitution of dried milk for so-called fresh but highly-contaminated milk, and the educative work carried out by the medical staff and the women inspectors in connection with the child-welfare centres.

Until the methods of the farmers and others concerned in the milk industry have been revolutionised, and consumers have been provided with facilities for storage and education in the handling of milk, I am definitely of the opinion that liquid milk should be banished from the dietary of infants.

The amount of dried milk distributed in each of the last six years has been as follows :— 1919, 195,118 lbs. ; 1920, 223,901 lbs. ; 1921, 213,578 lbs. ; 1922, 172,138 lbs. ; 1923, 139,774 lbs. ; and 1924, 158,542 lbs.

In the following table particulars are given of Infant Mortality from stated causes under one year of age, during the years 1922, 1923 and 1924 :—

TABLE K.—*Infant Mortality in* 1922, 1923, *and* 1924.

Cause of Death.	Number of Deaths.		
	1922.	1923.	1924.
Measles	40	3	35
Scarlet Fever	1	..	..
Whooping Cough	10	61	13
Diphtheria	1	1	2
Tuberculous Meningitis	5	8	3
Abdominal Tuberculosis	3	2	2
Other Tuberculous Diseases	3	7	2
Influenza	9	14	9
Bronchitis	119	88	69
Pneumonia (all forms)	114	118	134
Diarrhœa and Enteritis	65	105	67
Syphilis	10	12	13
Congenital Malformation	39	45	42
Premature Birth	226	218	248
Atrophy, Debility, and Marasmus ..	42	76	68
Other Causes	216	157	164
Totals	903	915	871

1924 Infant Mortality Rate :—Legitimate, 87 ; Illegitimate, 155.

As it has been suggested that the reduction of Infant Mortality tends merely to postpone the deaths of feeble and degenerate infants from the first year to a slightly later period, thus prolonging the suffering of the child and increasing the burden of those responsible for it, I have had two tables prepared in order to ascertain whether this is true of our work in Sheffield.

The following table shows the Infant Mortality Rate, the Mortality Rate from 1 to 5 years, and the General Death Rate in Sheffield for each fifth year from 1897 and for 1924. This covers the period during which our Child Welfare work has been developed.

TABLE L.—*Infant Mortality Rate ; Mortality Rate per* 1,000 *Births amongst Children over* 1 *and under* 5 *years of age and General Death Rate each fifth year since* 1897.

Year.	Infant Mortality Rate.	Mortality Rate per 1,000 Births ages 1–5 years.	General Death Rate.
1897	196	94	21·2
1902	150	62	16·9
1907	145	87	17·1
1912	107	60	14·3
1917	104	61	14·6
1922	82	44	11·7
1924	90	44	11·6
Percentage of 1897 figures ..	46%	47%	55%

It will be seen that while the Infant Mortality Rate for 1924 has fallen to 46 per cent. of that for 1897, the Death Rate for the age period 1 to 5 years has also fallen to 47 per cent. of that for 1897.

The following table compares the Infantile Death Rate from three principal groups of causes in 1924 and in 1901.

The first group comprises the death rate from prematurity, debility, etc., that is, congenital causes. This group consists almost entirely of the deaths of weakly or degenerate infants with a bad heredity, whose elimination from the racial point of view is desirable. The other two groups comprise deaths from diarrhœal and respiratory diseases, in both of which cases I have been able to show that there is a much lower correlation with hereditary influences. The table shows that notwithstanding a reduction in the total mortality of 55 per cent., the proportion of deaths due to congenital causes has actually increased from 39 to 46 per cent. of the total mortality. These facts, I think are sufficient to absolve us from the charge of causing deterioration of the race by improving the environment of the child.

TABLE M.—*Infantile Mortality from All Causes and from Specified Causes grouped. Years* 1901 *and* 1924.

	1901.		1924.		Percentage fall in Mortality Rate.
	Number of Deaths.	Mortality per 1,000 Births.	Number of Deaths.	Mortality per 1,000 Births.	
Prematurity	300	79 (39%)	248	41 (46%)	48%
Debility } Marasmus }	335		68		
Congenital Malformations	83		42		
Convulsions	292		37		
	1010		395		
Diarrhœal Diseases	706	55 (27%)	67	7 (8%)	87%
Pneumonia	160	26 (13%)	134	21 (23%)	19%
Bronchitis	169		69		
	329		203		
All Causes	2573	*202	871	90	55%

* The Infantile Mortality rate for 1901 (202) was the highest recorded since the year 1871.

REGISTRATION SUB-DISTRICTS AND SECTIONS.

A full description of the boundaries of the Sub-Districts and Sections adopted as statistical units was given in the Annual Report for 1923.

Tables are given on pages 30 and 31 showing the estimated population, the density of the population, death rates from all causes and from certain specified causes, infant mortality rates, birth rates, and sickness from the notifiable infectious diseases, in each of the statistical areas of the City.

With regard to mortality in the statistical areas, while the boundaries of the areas as given in the tables do not accurately conform to the different residential and industrial portions of the City, it will nevertheless be seen that the death rates are, on the whole, higher in the overcrowded and smoky industrial neighbourhoods than in the higher class residential parts, where, of course, the standard of living is generally very much better. This is again particularly noticeable in the figures relating to Infant Mortality.

POSITION OF SHEFFIELD AMONGST THE LARGEST TOWNS.

Table N shows the birth rates, death rates, and infant mortality rates in the 17 largest towns of England and Wales. The birth rates vary from 24·6 in Liverpool to 16·9 in Bradford. Eleven of the seventeen towns have higher rates than Sheffield. The death rates vary from 11·5 in West Ham to 16·7 in Hull. Sheffield ranks with Birmingham as next lowest with 11·6. The infant mortality rates vary from 66 in Portsmouth to 120 in Salford. Nine of the towns have lower rates than Sheffield.

TABLE N.—*Birth Rates and Death Rates in Towns with* 200,000 *Population for the year* 1924.

Town.	Population.	Crude Birth Rate. per 1,000.	Crude Death Rate. per 1,000.	Infant Mortality.
Birmingham	944,386	19·2	11·6	83
Liverpool	836,396	24·6	13·6	103
Manchester	755,119	19·2	14·0	100
SHEFFIELD	**525,000**	**18·5**	**11·6**	**90**
Leeds	471,600	18·1	14·3	108
Bristol	386,200	18·5	12·3	69
West Ham	317,400	22·7	11·5	78
Hull	296,800	22·4	16·7	86
Bradford	290,200	16·9	14·9	92
Newcastle	285,900	22·2	13·5	100
Nottingham	270,300	19·3	13·1	84
Stoke	278,000	25·3	14·6	101
Portsmouth	*232,000	20·1	12·5	66
Salford	243,700	19·8	14·5	120
Leicester	241,800	18·5	12·1	77
Cardiff	226,400	21·6	12·1	78
Plymouth	*192,900	18·2	14·2	82

* Civil.

STATISTICAL TABLES.

TABLE I.—*Population, Estimated Increase or Decrease, and Natural Increase, 25 Years.*

YEAR.	Estimated Mean Population (per Registrar-General).	Estimated Increase or Decrease.	Excess of Births over Deaths.
1900	376,160	+ 5,992	4,280
*1901	410,151	+ 33,991	4,875
1902	414,506	+ 4,355	6,874
1903	418,906	+ 4,400	6,160
1904	423,355	+ 4,449	6,526
1905	427,850	+ 4,495	5,576
1906	432,395	+ 4,545	5,945
1907	436,986	+ 4,591	6,353
1908	441,630	+ 4,644	6,931
1909	446,321	+ 4,691	6,198
1910	451,065	+ 4,744	6,238
1911	455,817	+ 4,752	5,288
*1912	466,408	+ 10,591	6,226
1913	471,662	+ 5,254	5,842
*1914	476,971	+ 5,309	5,214
1915	476,012	— 959	3,966
1916	465,494	— 10,518	4,752
1917	469,293	+ 3,799	4,134
1918	465,217	— 4,076	1,014
1919	473,695	+ 8,478	3,789
1920	492,700	+ 19,005	6,508
*1921	519,239	+ 26,539	5,623
1922	522,600	+ 3,361	4,707
1923	524,200	+ 1,600	4,183
1924	525,000	+ 800	3,602

* City extended October 31st, 1901 ; April 1st, 1912 ; October 1st, 1914 ; and November 9th, 1921.

TABLE II.—*Registration Sub-Districts and parts of Registration Sub-Districts, together with the Municipal Wards or parts contained therein.*

Registration Sub-Districts.	Municipal Wards.
Sheffield North	St. Philip's.
Sheffield South	St. Peter's (part) ; Crookesmoor (small part containing *64 persons).
Sheffield Park	Park.
Brightside West	Brightside (part) ; Burngreave (part) ; Neepsend.
Brightside East	Brightside (part) ; Burngreave (part).
Attercliffe	Attercliffe (part).
Darnall	Darnall.
Handsworth	Handsworth.
Tinsley (part of S.E. R'ham.) ..	Attercliffe (part).
Hillsbro'	Hillsbro' (part).
Bradfield (part)	Hillsbro' (part).
Ecclesfield	Hillsbro' (part) ; Neepsend (part) ; Brightside (part).
Ecclesall North	Walkley ; Hillsbro' (part).
Ecclesall West Central	Crookesmoor (part) ; Hallam ; St. Peter's (small part containing *36 persons).
Ecclesall South (including Norton)	Ecclesall ; Heeley.
Broomhall (including Sharrow) ..	Broomhall.

* Census 1921.

TABLE III.—*Marriages and Marriage Rates in Sheffield and in England and Wales since* 1890.

Year.	Total Number of Marriages in Sheffield.	Persons married per 1,000 in Sheffield.	Persons married per 1,000 in England and Wales.
1890	3,174	19·7	15·5
1891	3,128	19·2	15·6
1892	3,091	18·7	15·4
1893	2,797	16·6	14·7
1894	3,215	18·8	15·0
1895	2,810	16·2	15·0
1896	3,322	18·8	15·7
1897	3,465	19·3	16·0
1898	3,496	19·2	16·2
1899	3,663	19·8	16·5
1900	3,508	18·7	16·0
1901*	3,640	18·8	15·9
1902	3,682	17·8	15·9
1903	3,506	16·7	15·7
1904	3,507	16·5	15·3
1905	3,466	16·2	15·3
1906	3,943	18·2	15·7
1907	4,004	18·3	15·9
1908	3,419	15·5	15·1
1909	3,445	15·4	14·7
1910	3,639	16·1	15·0
1911	3,726	16·3	15·2
1912*	3,885	16·7	15·5
1913	4,077	17·3	15·5
1914*	4,062	17·0	15·9
1915	4,905	20·6	19·3
1916	4,256	18·3	14·9
1917	3,968	15·2	13·8
1918	4,066	15·6	15·3
1919	4,947	20·1	19·7
1920	5,075	20·6	20·1
1921*	4,089	16·3	16·9
1922	3,774	14·4	15·7
1923	3,990	15·2	15·2
1924	3,951	15·1	15·3
Average	3,734	17·5	15·8

* City extended.

TABLE IV.—*Population and Births and Deaths in Sheffield in past years. Also Birth-rates and Death-rates in Sheffield and in England and Wales.*

YEAR.	POPULATION.	SHEFFIELD.				ENGLAND.	
		BIRTHS.		DEATHS.			
		Number of Births.	Birth-rates per 1,000 living per annum.	Number of Deaths.	Death-rates per 1,000 living per annum.	Birth-rates.	Death-rates.
1851	135,310	5,946	41·6	4,027	28·2	34·2	22·0
1861	186,375	7,561	40·5	4,610	24·7	34·6	21·6
1871	241,506	9,674	40·4	6,843	28·3	35·0	22·6
1881	284,508	10,814	38·0	5,909	20·7	33·9	18·9
1891	325,547	11,862	36·4	7,775	23·9	31·4	20·2
*1901	410,151	12,766	33·0	7,891	20·4	28·5	16·9
1902	414,506	13,938	33·6	7,064	17·0	28·5	16·3
1903	418,906	14,136	33·6	7,976	19·0	28·5	15·5
1904	423,355	13,850	32·7	7,284	17·2	28·0	16·3
1905	427,850	13,082	30·6	7,510	17·6	27·3	15·3
1906	432,395	13,420	31·1	7,475	17·3	27·2	15·5
1907	436,986	14,125	32·3	7,772	17·8	26·5	15·1
1908	441,630	14,268	32·3	7,337	16·6	26·7	14·8
1909	446,321	13,296	29·8	7,098	15·9	25·8	14·6
1910	451,065	12,664	28·1	6,426	14·2	25·1	13·5
1911	455,817	12,623	27·7	7,335	16·1	24·4	14·6
*1912	466,408	12,887	27·7	6,661	14·3	23·8	13·3
1913	471,662	13,288	28·2	7,446	15·8	23·9	13·8
*1914	476,971	13,004	27·3	7,790	16·3	23·8	14·0
1915	476,012	12,139	25·5	8,173	17·2	21·8	15·7
1916	465,494	12,014	23·7	7,262	15·6	20·9	14·4
1917	469,293	11,026	21·1	6,892	14·7	17·8	14·4
1918	465,217	10,746	20·6	9,732	20·9	17·7	17·6
1919	473,695	10,353	21·0	6,564	13·9	18·5	13·7
1920	492,700	13,130	26·6	6,622	13·4	25·5	12·4
*1921	519,239	11,907	23·8	6,284	12·5	22·4	12·1
1922	522,600	10,804	20·7	6,097	11·7	20·4	12·8
1923	524,200	10,195	19·4	6,012	11·5	19·7	11·6
1924	525,000	9,712	18·5	6,110	11·6	18·8	12·2

Population at earlier dates:—1736, 14,105; 1801, 45,755; 1811, 53,231; 1821, 65,275; 1831, 91,692; 1841, 111,091.

* City extended.

I desire to call particular attention to the above table, as so many people still lament the progressive decline in the Birth Rate, without, as it seems to me, giving adequate consideration to the laws which govern the increase in population.

The table shows that while in 1851, with a Birth Rate of 41·6 and a Rate of Increase, *i.e.*, excess of Birth Rate over Death Rate, of 13·4, the actual increment of population was 1,919; in 1924, with a Birth Rate of only 18·5 and a Rate of Increase reduced to 6·9, the actual increment was no less than 3,602.

This, of course, is because these rates have to be applied to an enormously increased population. Had the Birth Rate which prevailed in 1851 been maintained in 1924, the actual number of Births would have been 23,070 instead of 9,712.

Under existing social conditions I cannot understand that such an influx of new children could be considered desirable. It would, in my opinion, be inevitably counteracted by a reversion to something like the rates of Infant Mortality which prevailed in the last century.

TABLE V.—*Registration Sub-Districts and Sections. Estimated Population, Acreage, Density and Death Rates, Birth Rates, and Infant Mortality for Quinquennium* 1919-1923 *and* 1924.

District		Estimated Population 1924.	Acreage.	Persons per Acre 1924.	Birth Rates.		Death Rates.		Infant Mortality.	
					1919 to 1923.	1924.	1919 to 1923.	1924.	1919 to 1923.	1924.
North	A	5,900	99	60	25·3	18·8	18·0	17·6	108	153
	B	17,400	91	191	31·9	27·1	19·2	16·0	130	91
	C	9,700	68	143	25·4	20·8	13·5	14·7	89	124
South	A	14,650	165	89	24·4	21·6	15·9	15·6	110	123
	B	5,475	73	75	26·9	26·5	16·1	13·5	121	145
	C	7,500	118	64	17·4	13·7	12·6	9·6	78	39
Park	A	13,500	135	100	28·7	22·7	16·4	15·4	137	150
	B	14,000	2,372	6	18·7	15·6	13·9	12·6	87	115
Brightside West	A	24,500	325	75	24·2	20·4	13·3	13·4	107	82
	B	28,600	1,764	16	18·1	19·0	9·4	10·7	73	79
Brightside East	A	13,200	236	56	27·2	24·2	14·7	12·8	124	88
	B	34,600	1,357	25	28·6	19·1	13·6	10·5	90	85
Attercliffe	A	19,500	271	72	26·9	23·4	14·7	12·4	111	103
	B	11,500	159	72	24·0	19·9	13·2	12·3	99	96
Darnall	..	39,000	1,040	38	26·8*	22·6	11·3*	11·7	94*	100
Handsworth§	..	16,500	3,566	5	21·1†	24·4	13·3†	10·7	84†	57
Tinsley	..	7,550	1,524	5	23·2	16·6	9·5	10·1	82	120
Hillsborough	..	20,450	1,521	13	18·1	15·2	10·7	10·6	76	68
Ecclesfield§	..	5,150	2,331	2	14·8†	15·3	12·8†	10·7	59†	114
Ecclesall North	A	13,000	223	58	29·2	21·2	13·9	10·8	102	105
	B	27,650	431	64	23·2	18·5	12·4	10·8	83	63
Ecclesall West Central	..	51,900	7,588	7	17·0	13·5	11·0	10·1	83	61
Ecclesall South	..	48,750	3,613	13	16·2	13·1	10·2	9·4	68	70
Broomhall	A	15,800	111	142	23·2	18·4	14·1	14·1	95	134
	B	10,850	254	43	13·6	10·7	11·6	11·1	76	86
Sharrow	..	26,600	275	97	18·8	15·1	13·3	11·1	80	70
Norton	..	21,775	1,906	11	17·3	15·6	9·6	11·0	84	94
City	..	525,000	31,616	17	22·3	18·5	12·6	11·6	94	90

§—Added to City, November, 1921. *—Average 4 years only. †—Average 3 years only

TABLE VI.—*Registration Sub-Districts and Sections ; Estimated Population ; Density ; Death-Rates, All Causes*

District.	North.			South.			Park.		Brightside West.		Brightside East.		Attercliffe.	
	A.	B	C.	A.	B.	C.	A.	B.	A.	B.	A.	B.	A.	B.
Estimated Population.	5,900	17,400	9,700	14,650	5,475	7.500	13,500	14,000	24,500	28,600	13,200	34,600	19,500	11,500
Persons per Acre ..	60	191	143	89	75	64	100	6	75	16	56	25	72	72
Causes of Death.														
Small-Pox..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	0·847	0·690	0·825	0·614	0·731	0·133	0·370	0·143	0·286	0·070	0·303	0·173	0·359	0·087
Scarlet Fever	..	0·057	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria	..	..	0·206	..	..	..	..	..	0·041	0·035	..	0·058	..	0·087
Whooping Cough.. ..	0·508	0·057	0·309	0·068	0·183	..	..	0·071	..	0·070	..	0·116	..	..
Typhus Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	..	0·057	..	..	..	..	..	..	0·041	..	..	..	0·051	..
Influenza	0·678	0·402	0·412	0·410	..	0·400	0·296	0·143	0·204	0·280	0·682	0·434	0·462	0·348
Puerperal Fever	..	0·057	..	0·068	..	..	0·074	0·071	..	0·035	..	0·029	..	0·087
Diarrhœa and Enteritis ..	0·678	0·632	..	0·068	0·548	0·133	0·444	0·214	0·327	0·070	0·379	0·173	0·154	0·261
Pneumonia	1·017	2·126	0·722	2·321	1·644	1·200	2·074	0·929	1·184	1·364	1·136	1·329	2·154	1·478
Cancer	1·186	1·322	1·546	1·365	1·279	0·667	1·333	1·286	1·184	1·538	0·985	0·954	0·769	1·739
Pulmonary Tuberculosis and Phthisis	1·525	1·782	1·546	1·570	1·279	0·933	1·333	0·429	1·306	0·664	0·530	0·665	1·026	0·609
Other Forms of Tuberculosis	0·678	0·345	0·206	0·273	..	..	0·296	0·214	0·490	0·140	0·076	0·145	0·154	..
Rheumatism, &c. ..	..	0·115	0·103	0·205	..	0·133	0·148	0·143	0·122	0·105	..	0·145	0·103	0·174
Diseases of Nervous System and Senso Organs ..	2·034	0·805	1·134	1·160	1·279	0·800	1·556	1·286	0·612	0·944	1·288	1·098	0·923	1·391
Circulatory System ..	4·068	3·333	2·165	1·980	1·826	2·133	1·852	1·643	3·184	2·343	2·727	2·023	1·744	1·826
Respiratory System except Pneumonia.	1·017	1·322	1·237	1·706	1·461	0·800	2·222	1·500	0·980	0·594	1·364	0·723	0·974	1·739
Digestive System except Diarrhœa and Enteritis	0·508	0·460	0·309	0·683	0·731	1·333	0·593	0·500	0·490	0·350	0·530	0·318	0·410	0·087
Genito-urinary System except Venereal Disease..	0·339	0·402	0·722	0·751	0·365	0·400	0·370	0·429	0·408	0·280	0·530	0·347	0·667	0·609
Early Infancy ..	0·678	1·149	1·134	0·819	1·096	0·133	0·815	1·071	0·939	0·524	0·682	0·607	1·179	0·783
Puerperal State except Puerperal Fever	..	..	0·206	..	..	..	..	0·143	0·122	0·070	0·152	0·029	..	0·087
Suicide	..	0·115	0·206	0·273	..	0·133	0·074	0·143	0·122	0·140	0·076	0·029	0·051	..
Other Affections produced by External Causes ..	0·678	0·230	0·515	0·341	0·183	..	0·593	0·357	0·612	0·385	0·530	0·462	0·615	0·174
Other Causes	1·186	0·517	1·237	0·956	0·913	0·267	0·963	1·929	0·735	0·734	0·833	0·694	0·615	0·783
All Causes..	17·627	15·977	14·742	15·631	13·516	9·600	15·407	12·643	13·388	10·734	12·803	10·549	12·410	12·348
Infant Mortality	153	91	124	123	145	39	150	115	82	79	88	85	103	96
Birth Rates	18·814	27·069	20·825	21·638	26·484	13·733	22·741	15·571	20·367	18·951	24·166	19·104	23·436	19·913
	A.	B.	C.	A.	B.	C.	A.	B.	A.	B.	A.	B.	A.	B.
District.	North.			South.			Park.		Brightside West.		Brightside East.		Attercliffe.	

and Certain Specified Causes, and Birth Rate per 1,000 living ; also Infant Mortality Rate ; Year 1924.

DARNALL.	HANDSWORTH.	TINSLEY.	HILLSBOROUGH.	ECCLESFIELD.	ECCLESALL.				BROOMHALL.		SHARROW.	NORTON.	CITY.	DISTRICT.
					NORTH. A.	NORTH. B.	WEST. CENTL.	SOUTH.	A.	B.				
39,000	16,500	7,550	20,450	5,150	13,000	27,650	51,900	48,750	15.800	10,850	26,600	21,775	525,000	ESTIMATED POPULATION.
38	5	5	13	2	58	64	7	13	142	43	97	11	17	PERSONS PER ACRE.
														CAUSES OF DEATH.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	Small-Pox.
0·256	..	0·132	0·049	..	0·385	0·072	0·096	0·062	0·316	..	0·188	0·184	0·217	Measles.
0·051	..	..	..	..	0·077	0·036	0·039	0·021	0·063	..	..	..	0·017	Scarlet Fever.
0·077	0·121	0·132	..	..	..	0·072	..	0·041	..	0·092	0·075	0·046	0·040	Diphtheria.
0·128	..	..	0·049	0·388	..	..	0·039	0·041	0·127	..	0·038	..	0·059	Whooping Cough.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	Typhus Fever.
0·077	0·121	..	..	..	..	..	0·019	..	0·063	..	..	..	0·019	Enteric Fever.
0·410	0·364	0·530	0·293	0·971	..	0·325	0·462	0·308	0·190	0·369	0·301	0·138	0·349	Influenza.
0·077	0·242	..	..	..	0·077	0·072	0·019	0·021	0·063	0·092	0·038	0·046	0·044	Puerperal Fever.
0·359	0·182	0·662	0·049	0·194	0·154	0·181	0·096	0·164	0·380	..	0·150	0·092	0·213	Diarrhœa and Enteritis.
1·026	1·091	0·927	0·440	0·194	1·538	1·230	0·925	0·595	0·823	0·461	0·188	0·873	1·103	Pneumonia.
1·410	0·848	0·795	1·369	1·553	1·077	1·085	1·156	1·169	1·139	1·935	1·880	1·148	1·244	Cancer.
0·769	0·606	0·397	0·685	0·777	0·692	0·615	0·694	0·615	1·139	0·369	0·714	0·597	0·821	Pulmonary Tuberculosis and Phthisis.
0·282	0·303	0·132	0·147	0·194	0·308	0·145	0·154	0·144	0·316	0·184	0·113	0·184	0·202	Other Forms of Tuberculosis.
0·128	0·121	..	..	0·388	0·077	0·036	0·058	0·062	..	..	0·113	0·230	0·097	Rheumatism, &c.
0·974	1·030	1·192	1·076	0·583	0·923	1·157	1·098	1·169	1·266	1·475	1·353	1·102	1·105	DISEASES OF Nervous System and Sense Organs.
1·487	1·818	1·457	2·200	2·136	1·231	2·025	2·158	1·744	2·405	2·857	2·143	2·434	2·124	Circulatory System.
1·154	0·242	0·795	1·174	0·971	1·154	1·302	0·674	0·636	1·519	0·737	0·752	0·964	1·006	Respiratory System except Pneumonia.
0·385	0·545	0·397	0·587	0·583	0·154	0·470	0·250	0·554	0·823	..	0·451	0·184	0·434	Digestive System except Diarrhœa and Enteritis.
0·359	0·727	0·397	0·538	0·194	0·615	0·289	0·443	0·554	0·506	0·829	0·414	0·918	0·486	Genito-urinary System except Venereal Disease.
1·000	0·545	0·662	0·636	1·165	0·846	0·362	0·328	0·349	1·266	0·553	0·564	0·781	0·695	Early Infancy.
0·051	0·061	..	0·049	..	0·077	0·036	..	0·021	0·063	..	..	..	0·040	Puerperal State except Puerperal Fever
0·103	0·061	..	0·098	..	0·077	0·108	0·193	0·062	0·127	..	0·188	0·092	0·105	Suicide.
0·615	0·848	0·530	0·489	..	0·462	0·217	0·308	0·205	0·696	0·553	0·414	0·230	0·415	Other Affections produced by external causes.
0·487	0·788	0·927	0·636	0·388	0·846	0·976	0·848	0·841	0·823	0·553	0·977	0·735	0·804	Other Causes.
11·667	10·667	10·066	10·562	10·680	10·769	10·814	10·058	9·374	14·114	11·060	11·053	10·976	11·638	All Causes.
100	57	120	68	114	105	63	61	70	134	86	70	94	90	Infant Mortality.
22·615	24·424	16·556	15·208	15·340	21·231	18·481	13·487	13·108	18·354	10·691	15·075	15·568	18·524	Birth Rates.
DARNALL.	HANDSWORTH.	TINSLEY.	HILLSBOROUGH.	ECCLESFIELD	A. NORTH. ECCLESALL.	B.	WEST. CENTL.	SOUTH.	A. BROOMHALL.	B.	SHARROW.	NORTON.	CITY.	DISTRICT.

TABLE VII.—*Infant Mortality: Nett Deaths from stated causes at various ages under One Year of Age.*

Causes of Death.	Under 1 week.	1–2 weeks.	2–3 weeks.	3–4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total deaths under 1 year.
Small-Pox	..	..	..	..	..	..	..	..	..	..
Chicken-Pox	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	4	7	24	35
Scarlet Fever	..	..	..	..	..	..	..	..	..	..
Whooping Cough	..	..	..	..	..	4	..	5	4	13
Diphtheria	..	..	..	..	..	..	..	1	1	2
Influenza	..	..	..	..	..	1	4	1	3	9
Tuberculosis of Nervous System	..	..	..	..	..	..	..	1	2	3
Tuberculosis of Intestines and Peritoneum	..	..	..	..	..	..	..	..	2	2
Other Tuberculous Diseases	..	..	..	..	..	..	..	..	2	2
Syphilis	1	2	1	..	4	6	2	1	..	13
Meningitis (not Tuberculous)	..	..	..	..	..	..	..	1	4	5
Convulsions	8	6	3	2	19	7	4	5	2	37
Bronchitis	1	2	3	3	9	18	13	15	14	69
Pneumonia	2	1	4	..	7	17	37	33	40	134
Inflammation of Stomach	1	2	..	1	4	2	2	..	..	8
Diarrhœa and Enteritis	1	1	8	8	18	15	12	14	8	67
Rickets	..	..	..	..	..	..	1	..	2	3
Hernia, Intestinal Obstruction	..	1	..	..	1	..	2	3	1	7
Congenital Malformations	19	3	5	4	31	8	2	1	..	42
Congenital Debility and Sclerema	10	12	4	..	26	27	12	2	1	68
Icterus	..	2	3	1	6	1	1	..	..	8
Premature Birth	195	25	15	5	240	7	..	1	..	248
Injury at Birth	7	1	..	..	8	..	..	..	..	8
Disease of Umbilicus	2	2	..	..	4	..	..	..	..	4
Atelectasis	23	..	..	..	23	1	1	..	..	25
Suffocation, Overlying	4	..	..	1	5	2	..	..	..	7
Other Causes	13	4	4	2	23	11	5	4	9	52
Totals	287	64	50	27	428	127	102	95	119	871
Number uncertified	2	..	..	..	2	..	..	..	..	2

Nett Births in the year—		Nett Deaths in the year—	
Legitimate	9,364	Legitimate Infants	819
Illegitimate	348	Illegitimate Infants	52

TABLE VIII.—*Deaths and Death-rates per annum per 1,000 persons living from All Causes and from Specified Causes; Persons living; Deaths and Death-rates at Specified Age Periods during* 1924.

	Death Rates per 1,000.	All Ages.	Under 1 yr.	1 and under 2 yrs.	2 and under 3 yrs.	3 and under 4 yrs.	4 and under 5 yrs.	Total under 5 yrs.	5 and under 10 yrs.	10 and under 15 yrs.	15 and under 20 yrs.	20 and under 25 yrs.	25 and under 35 yrs.	35 and under 45 yrs.	45 and under 55 yrs.	55 and under 65 yrs.	65 and under 75 yrs.	75 yrs. and upwards.
Age Distribution of Population	..	525000	11647	12077	8770	8794	9693	50981	52061	54316	50091	44408	79420	75806	59849	35079	17507	5482
Deaths	..	6110	871	250	96	56	24	1297	116	98	124	147	307	431	673	962	1079	876
Death-rates per 1,000 per annum	11·638	..	74·8	20·7	10·9	6·4	2·5	25·4	2·2	1·8	2·5	3·3	3·9	5·7	11·2	27·4	61·6	159·8
Small-Pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	0·217	114	35	45	18	8	1	107	6	1	..	..	..	..	..	..	..	..
Scarlet Fever	0·017	9	..	1	2	3	..	6	1	1	..	1	..	..	..	..	..	..
Diphtheria	0·040	21	2	3	4	5	..	14	6	1	..	..	..	..	..	..	..	..
Whooping Cough	0·059	31	13	12	2	2	1	30	1	..	..	..	..	..	..	..	..	..
Typhus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	0·019	10	..	..	..	1	1	2	..	1	1	..	1	2	2	1	..	..
Influenza	0·349	183	9	4	3	..	..	16	2	4	2	5	12	18	27	28	42	27
Puerperal Fever	0·044	23	..	..	..	..	..	..	..	..	1	4	11	7	..	..	..	..
Diarrhœa and Enteritis	0·213	112	67	21	1	3	..	92	1	..	1	2	2	3	3	3	2	3
Pneumonia	1·103	579	134	82	32	10	6	264	13	9	15	15	29	47	58	46	58	25
Cancer	1·244	653	1	..	2	1	..	4	..	2	1	1	14	52	133	208	175	63
Respiratory Tuberculosis	0·821	431	2	..	1	2	..	5	3	9	29	41	88	93	79	66	14	4
Other Forms of Tuberculosis	0·202	106	5	15	10	8	3	41	14	10	9	3	12	4	8	5	..	..
Rheumatism, etc.	0·097	51	..	..	..	..	2	2	4	6	5	1	3	3	9	8	6	4
Diseases of																		
Nervous System and Sense Organs	1·105	580	50	15	4	2	1	72	8	8	6	11	17	29	66	116	143	104
Circulatory System	2·124	1115	1	1	..	1	1	4	6	16	15	22	27	55	105	228	330	307
Respiratory System (except Pneumonia)	1·006	528	72	28	7	1	2	110	5	..	3	3	6	12	43	70	130	146
Digestive System (except Diarrhœa and Enteritis)	0·434	228	23	4	1	..	2	30	5	8	5	6	20	20	29	48	30	27
Genito-Urinary System (except Venereal Disease)	0·486	255	1	3	1	1	..	6	6	3	2	5	9	26	44	56	68	30
Early Infancy	0·695	365	363	2	..	..	..	365	..	..	..	..	..	..	..	..	..	..
Puerperal State (except Puerperal Fever)	0·040	21	..	..	..	..	..	..	..	..	..	4	10	7	..	..	..	..
Suicide	0·105	55	..	..	..	..	..	..	..	..	1	1	8	14	15	9	6	1
Other Affections produced by External Causes	0·415	218	16	5	6	5	3	35	21	7	14	12	18	22	20	22	24	23
Other Causes	0·804	422	77	9	2	3	1	92	14	12	14	10	20	17	32	48	51	112

TABLE IX.—*Mortality at certain Age Periods,* 1913-4 *and* 1923-4.

	Death Rate per 1,000 Persons living at each Age of Group.					
	1913.	1914.	Average 1913-4.	1923.	1924.	Average 1923-4.
Under 1 year	149·0	148·4	148·7	78·7	74·8	76·8
*Infant Mortality-rate** ..	*128*	*132*	*130*	*90*	*90*	*90*
1 and under 2 years ..	56·8	61·7	59·3	21·4	20·7	21·1
2 ,, 3 ,, ..	19·1	21·8	20·5	12·3	10·9	11·6
3 ,, 4 ,, ..	10·9	13·3	12·1	6·4	6·4	6·4
4 ,, 5 ,, ..	8·4	10·7	9·6	2·6	2·5	2·6
Total under 5 years..	48·9	51·3	50·1	26·8	25·4	26·1
5 and under 10 years..	4·1	4·4	4·3	1·8	2·2	2·0
10 ,, 15 ,, ..	1·9	2·3	2·1	1·6	1·8	1·7
15 ,, 20 ,, ..	2·7	3·1	2·9	2·4	2·5	2·5
20 ,, 25 ,, ..	3·1	3·6	3·4	3·2	3·3	3·3
25 ,, 35 ,, ..	4·1	4·8	4·5	3·5	3·9	3·7
35 ,, 45 ,, ..	8·5	8·6	8·6	6·1	5·7	5·9
45 ,, 55 ,, ..	15·6	17·4	16·5	11·1	11·2	11·2
55 ,, 65 ,, ..	33·6	34·2	33·9	25·4	27·4	26·4
65 ,, 75 ,, ..	76·3	71·2	73·8	62·9	61·6	62·3
Over 75 years ..	175·9	167·8	171·9	148·9	159·8	154·4
All Ages	15·8	16·3	16·1	11·5	11·6	11·6

* The Infant Mortality Rate is calculated upon the number of deaths of infants under one year per 1,000 births.

TABLE X.—*Cases of Infectious Disease reported during each month of the year* 1924.

Diseases.	Jan.	Feb	Mar.	Apl.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Totals.
Small-Pox	..	..	..	..	2	1	..	1	..	..	..	..	4
Cerebro-Spinal Fever ..	3	..	2	2	..	..	..	..	..	1	1	..	9
Acute Poliomyelitis ..	..	..	..	..	3	2	17	6	13	7	5	..	53
Scarlet Fever	152	121	94	98	114	74	75	87	131	161	116	111	1,334
Diphtheria	35	29	58	25	44	28	28	29	37	60	59	82	514
Enteric Fever	6	2	2	7	7	..	3	2	6	2	4	4	45
Encephalitis Lethargica ..	1	..	30	133	77	28	24	12	7	9	8	8	337
Polio-Encephalitis	..	..	..	..	..	..	1	..	..	..	..	..	1
Typhus Fever	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	29	30	34	32	20	15	19	17	16	22	18	31	283
Puerperal Fever	6	7	9	4	8	6	6	7	11	10	8	3	85
Ophthalmia Neonatorum. .	20	19	17	23	11	18	20	19	16	26	9	13	211
Measles	4	7	71	78	97	94	60	23	7	6	7	3	457
Pneumonia	240	291	520	546	338	214	173	110	117	196	237	365	3,347
Trench Fever	..	..	..	..	..	..	..	..	..	..	..	..	..
Dysentery	..	..	..	..	..	..	..	..	1	..	..	..	1
Malaria	..	..	..	..	..	1	..	..	..	..	..	..	1
Continued Fever	1	..	..	..	1	..	..	1	..	1	..	..	4
Totals	497	506	837	948	722	481	426	314	362	501	472	620	6,686

TABLE XI.—*Cases of Infectious Disease notified since* 1914.

DISEASE.	NUMBER OF CASES NOTIFIED.										Annual Averages 10 years 1914–1923.	Cases notified 1924.
	1914.	1915.	1916.	1917.	1918.	1919	1920.	1921.	1922.	1923.		
Small-Pox	..	..	..	..	..	..	..	..	11	3	1	4
Cerebro-Spinal Fever ..	3	3	3	14	11	9	5	7	4	9	7	9
Acute Poliomyelitis ..	27	7	11	4	6	3	6	12	20	1	10	53
Polio-Encephalitis	..	..	..	..	..	..	1	..	..	..	..	1
Scarlet Fever	3,114	2,193	848	1,165	1,486	1,229	862	1,017	1,293	1,488	1,470	1,334
Diphtheria	850	1,022	818	546	610	514	591	689	647	502	679	514
Enteric Fever	113	68	65	55	46	14	24	47	47	42	52	45
Encephalitis Lethargica ..	..	..	..	..	..	*7	17	14	8	9	11	337
Typhus Fever	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	496	392	330	241	253	287	242	239	255	251	299	283
Puerperal Fever	49	64	48	46	51	69	72	63	61	79	60	85
Ophthalmia Neonatorum ..	*221 (9 mos.)	195	258	299	248	219	302	257	243	228	253	211
Measles	..	..	*4,646	6,874	2,972	8,901	†1,155	277	1,358	71	3,282	457
Pneumonia	..	..	..	..	..	*842 (10 mos.)	1,759	1,275	2,367	2,832	1,878	3,347
Trench Fever	..	..	..	..	..	*5 (10 mos.)	..	..	..	..	1	..
Dysentery	..	..	..	..	..	*5 (10 mos.)	2	2	1	2	3	1
Malaria	..	..	..	..	..	*78 (10 mos.)	21	13	7	5	26	1
Continued Fever	..	..	..	..	..	..	1	..	..	1	..	4
Totals	4,873	3,944	7,027	9,244	5,683	12,182	5,059	3,912	6,322	5,523	8,032	6,686

Military Cases are included in the above Table.

*—Made compulsorily notifiable in this Year. †—Ceased to be compulsorily notifiable in this Year.

TABLE XII.—*Measles.—Mortality in Males and Females, and under certain age periods; also Mortality Rates,* 10 *years,* 1914-1923 *and* 1924.

YEARS.	DEATHS.	Rate per 1,000 Persons living.	DEATHS.		AGE AT DEATH.							
			Males.	Females.	Under 1 year.	1 and under 2 yrs.	2 and under 3 yrs.	3 and under 4 yrs.	4 and under 5 yrs.	5 and under 10 yrs.	10 and under 15 yrs.	Over 15 years.
1914	365	0·77	185	180	67	150	72	32	21	19	3	1
1915	640	1·35	344	296	116	266	129	59	28	40	1	1
1916	196	0·41	104	92	29	81	47	18	9	12	. .	. .
1917	145	0·31	81	64	32	49	29	20	8	5	1	1
1918	53	0·11	25	28	14	12	11	6	2	8	. .	. .
1919	174	0·37	84	90	50	59	28	16	9	10	1	1
1920	115	0·23	57	58	28	55	14	8	4	6	. .	. .
1921	41	0·08	25	16	13	18	4	3	. .	3	. .	. .
1922	153	0·29	75	78	40	77	17	8	3	8	. .	. .
1923	10	0·02	5	5	3	3	3	1	. .	. .	. .	. .
Average, 10 years, 1914-1923	189	0·39	99	91	39	77	35	17	8	11	1	. .
1924	114	0·22	60	54	35	45	18	8	1	6	1	. .

TABLE XIII.—*Scarlet Fever.—Notifications, Percentage of Cases removed to Hospital, Deaths, and Percentage Mortality, ten years,* 1914-1923 *and* 1924.

Year	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	Average 10 years 1914-1923.	1924
Cases Notified . .	3114	2194	848	1165	1486	1229	862	1017	1293	1488	1470	1334
Percentage of Cases removed	75	82	87	78	90	86	84	91	90	89	85	91
Deaths	91	54	17	15	22	8	6	15	27	11	27	9
Percentage Mortality	2·9	2·5	2·0	1·3	1·5	0·7	0·7	1·5	2·1	0·7	1·6	0·7

TABLE XIV.—*Whooping Cough.—Deaths under Certain Age Periods since* 1914.

AGES.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	1922.	1923.	Average for years 1914-1923.	1924.
Under 1 year . .	106	43	56	16	123	6	31	55	10	61	51	13
1 and under 2 years	79	34	34	20	100	4	18	35	14	39	38	12
2 ,, 3 ,,	24	15	9	4	28	2	7	9	5	13	12	2
3 ,, 4 ,,	12	3	9	1	15	1	1	1	. .	11	5	2
4 ,, 5 ,,	12	3	5	4	10	. .	5	3	. .	2	4	1
Over 5 years . .	4	4	3	1	12	. .	. .	2	1	6	3	1

TABLE XV.—*Diphtheria.—Percentage Mortality in Hospital-treated and Home-treated Cases, 1924.*

	HOSPITAL TREATED.	HOME TREATED.	TOTAL.
Cases Notified	475	39	514
Deaths	15	6	21
Percentage Mortality	3·1	15·4	4·1

TABLE XVI.—*Sickness from Puerperal Fever and Mortality from Sepsis and other Accidents of Childbirth per 1,000 Births, 10 years, 1915 to 1924.*

Year.	Rate per 1,000 Births.									
	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924
Sickness from Puerperal Fever	5·44	4·00	4·17	4·75	6·67	5·48	5·29	5·65	7·75	8·75
Mortality during Puerperium :—										
*Sepsis	2·14	1·91	1·63	1·58	2·61	1·52	1·51	1·76	1·37	2·47
Other Causes	2·14	2·58	2·00	2·42	2·61	2·51	2·35	1·85	2·65	2·06
Total Childbirth ..	4·28	4·49	3·63	4·00	5·22	4·04	3·86	3·61	4·02	4·53

* Including Phlegmasia Alba Dolens.

TABLE XVII.—*Cases of Infectious Disease notified during the year 1924 shown under certain age periods.*

NOTIFIABLE DISEASE.	Number of Cases Notified.							
	At all Ages.	At Ages–Years.						
		Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.
Small-Pox	4	1	..	1	1	1	..	..
Scarlet Fever	1,334	10	275	842	164	42	1	..
Diphtheria	514	6	129	271	76	25	7	..
Typhoid Fever	45	..	4	10	6	13	12	..
Measles	457	18	170	262	6	1	..	..
Erysipelas	283	6	9	14	24	90	109	31
Ophthalmia Neonatorum ..	211	211	..	..	..	..	..	..
Puerperal Fever	85	..	..	..	19	66	..	..
Pneumonia	3,347	394	1297	594	241	361	300	160
Cerebro-Spinal Fever ..	9	1	4	1	1	1	1	..
Acute Poliomyelitis	53	5	44	4	..	..	..	..
Polio-Encephalitis	1	..	1	..	..	..	..	..
Encephalitis Lethargica ..	337	..	21	91	100	74	46	5
Malaria	1	..	..	..	..	1	..	..
Dysentery	1	..	..	..	..	1	..	..
Continued Fever	4	..	..	..	1	1	2	..
Pulmonary Tuberculosis ..	1,464	4	65	542	262	374	193	24
Other Forms of Tuberculosis	341	12	126	130	29	27	15	2
Totals	8,491	668	2,145	2,762	930	1,078	686	222

Military Cases included :—2 Pneumonia, 3 Pulmonary Tuberculosis, 1 Other Forms of Tuberculosis.

TABLE XVIII.—*Cases of Infectious Disease notified during* 1924 *shown in Registration Sub-Districts and Sections.*

NOTIFIABLE DISEASE.	NORTH.			SOUTH.			PARK.		BRIGHTSIDE WEST.		BRIGHTSIDE EAST.		ATTERCLIFFE.		DARNALL.	HANDSWORTH.	TINSLEY.	HILLSBRO'.	ECCLESFIELD.	ECCLESALL NORTH.		ECCLESALL WEST CENTRAL.	ECCLESALL SOUTH.	BROOMHALL.		SHARROW.	NORTON.	TOTAL.	Total Cases removed to Hospital.
	A	B	C	A	B	C	A	B	A	B	A	B	A	B						A	B			A	B				
Small-Pox	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	..	..	..	..	4	4
Scarlet Fever	15	20	32	38	26	9	34	36	61	113	43	70	43	16	66	35	17	29	8	32	82	127	175	36	18	65	88	1,334	1215
Diphtheria	8	10	19	19	1	4	6	10	19	24	19	24	31	21	44	13	5	65	1	10	16	36	42	17	8	23	19	514	475
Typhoid Fever	1	2	..	..	..	..	..	1	3	3	1	4	3	1	7	2	1	1	..	1	..	5	1	5	..	1	2	45	33
Measles	12	20	14	11	5	2	8	3	9	43	24	68	18	7	16	11	11	6	3	7	9	68	16	5	6	11	44	457	100
Erysipelas	8	9	7	15	3	4	8	6	12	18	13	11	13	6	32	8	11	8	1	3	12	21	18	7	10	9	10	283	34
Ophthalmia Neonatorum	4	16	4	6	4	1	15	5	28	14	10	8	1	2	25	4	..	3	..	10	14	15	10	4	1	3	4	211	..
Puerperal Fever	..	3	3	6	..	2	2	1	3	2	2	4	1	4	11	8	..	1	..	·3	5	4	8	4	3	2	3	85	..
Pneumonia	45	154	76	159	64	42	145	68	121	189	120	239	177	74	435	130	40	47	11	111	162	234	173	104	21	92	114	3,347	578
Cerebro-Spinal Fever	..	1	1	..	..	..	..	..	..	1	..	3	..	..	1	..	1	..	..	..	..	1	..	..	..	..	..	9	4
Acute Poliomyelitis	..	4	2	3	..	1	2	2	2	1	1	3	4	1	9	..	1	3	..	1	4	2	4	1	..	1	1	53	..
Polio Encephalitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Encephalitis Lethargica	10	17	12	10	..	6	4	7	8	14	8	11	15	7	41	15	5	13	1	12	20	35	29	9	3	13	12	337	174
Malaria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Dysentery	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Continued Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	2	..	..	..	..	..	4	2
Pulmonary Tuberculosis	35	75	39	72	26	21	32	29	77	76	51	125	55	30	127	28	11	44	9	56	87	106	83	50	20	71	29	1,464	2031
Other Forms of Tuberculosis	9	24	6	7	6	1	15	6	30	14	14	25	21	8	29	17	4	9	..	17	12	21	19	12	..	9	6	341	136
TOTALS	148	355	215	346	135	93	271	174	373	512	306	595	382	177	848	271	107	229	35	263	423	677	580	254	90	300	332	8,491	4786

Military Cases included :—Pneumonia, 2; Tuberculosis of Lungs, 3; Other Forms of Tuberculosis, 1.

TABLE XIX.—*Vital Statistics of Whole District during 1924 and previous Years.*

YEAR.	POPULATION, estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un-corrected Number.	Nett.				of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.	Number.	Rate.			Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1919	473,695	10,416	10,353	21·0	6,661	14·1	341	244	1,005	97	6,564	13·9
1920	492,570	13,186	13,130	26·6	6,659	13·5	255	218	1,370	104	6,622	13·4
1921	519,239	11,976	11,907	23·8	6,367	12·7	293	210	1,173	99	6,284	12·5
1922	522,600	10,891	10,804	20·7	6,098	11·7	252	251	884	82	6,097	11·7
1923	524,200	10,271	10,195	19·4	6,038	11·5	263	237	915	90	6,012	11·5
1924	525,000	9,817	9,712	18·5	6,145	11·7	278	243	871	90	6,110	11·6

NOTE.—This table is arranged to show the gross births and deaths in the district, and the births and deaths properly belonging to it with the corresponding rates. The rates have been calculated per 1,000 of the estimated gross population, with the exception of those for 1921, which are based upon a population of 500,995. This is an adjusted figure made up of the estimated population of the City at June, 1921, together with 53/365ths of the estimated population in the areas added to the City on 9th November, 1921.

TABLE XX.—*Causes of Death at Different Age-Periods in each Sex, during the year 1924.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
I. GENERAL DISEASES.																																									
1. Enteric Fever—																																									
A. Typhoid Fever	10	7	3	..	..	..	..	..	..	..	1	..	1	..	2	2	..	..	1	..	1	..	..	..	1	..	2	..	1	1	1	..	..	..	..	..	..	..	7	1	8
B. Paratyphoid Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Typhus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Relapsing Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Mediterranean Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Malaria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6. Small Pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7. Measles	114	60	54	16	19	27	18	7	11	6	2	1	..	57	50	107	2	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	4	7
8. Scarlet Fever	9	4	5	..	..	..	1	1	1	2	1	..	..	3	3	6	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	3
9. Whooping Cough	31	13	18	9	4	4	8	..	2	..	2	..	1	13	17	30	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
10. Diphtheria	21	9	12	..	2	2	1	2	2	4	1	..	..	8	6	14	1	5	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	6	7
11. Influenza—																																									
A. (1) With Pneumonic complications ..	97	53	44	3	2	..	1	..	2	..	..	..	..	3	5	8	1	1	2	..	1	..	1	3	2	4	8	6	8	7	9	5	12	7	6	5	..	1	50	39	89
A. (2) With other pulmonary complications ..	50	25	25	2	2	..	1	1	..	..	..	..	..	3	3	6	..	..	..	1	..	..	..	..	2	1	2	..	4	4	2	3	9	6	3	6	..	1	22	22	44
B. (1) With non-pulmonary complications ..	29	15	14	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	1	..	1	..	1	..	1	2	2	..	3	1	3	5	1	4	1	..	1	1	15	13	28
B. (2) Without stated complications	7	4	3	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	1	..	1	..	3	3	6
12. Miliary Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13. Mumps	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1
14. Asiatic Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15. Cholera Nostras	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16. Dysentry—																																									
A. Amœbic	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
B. Bacillary	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
C. Other or Unspecified ..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1
17. Plague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18. Yellow Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19. Spirochætosis - ictero - hæmorrhagica	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
GENERAL DISEASES—*Contd.*																																									
20. Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21. Erysipelas	16	10	6	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	2	3	..	1	2	5	1	..	1	..	..	9	6	15
22. Acute Poliomyelitis—																																									
(1) Poliomyelitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(2) Polioencephalitis	1	1	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23. Encephalitis Lethargica	40	23	17	..	..	1	..	..	..	..	..	..	..	1	..	1	2	3	2	3	2	1	2	..	4	..	2	3	1	4	5	2	2	1	..	..	..	..	22	17	39
24. Meningococcal Meningitis	6	4	2	..	1	1	..	..	1	1	..	..	..	2	2	4	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
25. Other Epidemic Diseases—																																									
(1) German Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(2) Varicella	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(3) Other diseases inc. under 25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26. Glanders	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27. Anthrax	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
28. Rabies	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29. Tetanus	1	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30. Mycoses—																																									
(1) Actinomycosis	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1	2
(2) Other Mycoses	2	1	1	1	1	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
31. Tuberculosis of Respiratory System	431	286	145	..	2	..	..	1	..	1	1	..	..	2	3	5	1	2	3	6	14	15	19	22	48	40	61	32	66	13	56	10	12	2	4	..	..	..	284	142	426
32. ,, Nervous System	50	27	23	1	2	8	2	5	3	1	4	2	..	17	11	28	3	6	..	4	3	1	..	..	2	..	1	..	..	1	1	..	..	..	..	..	..	..	10	12	22
33. ,, Intestines and Peritoneum	16	12	4	2	..	1	..	1	1	..	1	..	1	4	3	7	2	..	1	..	2	..	..	..	2	1	..	..	..	..	1	..	..	..	..	..	..	..	8	1	9
34. ,, Vertebral Column	10	4	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	2	..	1	1	1	..	2	..	..	..	..	..	..	4	6	10
35. Tuberculosis of the Joints	3	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	2	3
36. Tuberculosis of Other Organs—																																									
A. Skin and Subcutaneous Tissue	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1
B. Bones (Vertebral Column excepted)	2	2	..	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
GENERAL DISEASES—*Contd.*																																							
C. Lymphatic System (abdominal glands excepted)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
D. Genito-Urinary System	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1	2
E. Others inc. under 36 ..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
37. Disseminated Tuberculosis																																							
A. Acute	10	5	5	..	..	2	..	..	..	1	..	..	..	3	..	3	..	2	..	3	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	5	7
B. Chronic or unstated ..	11	6	5	..	..	1	..	..	..	1	..	..	..	2	..	2	..	..	..	1	..	..	..	1	1	2	1	1	2	..	..	..	..	..	..	..	..	..	4	5	9
38. Syphilis	21	15	6	10	3	..	1	..	..	..	..	..	..	10	4	14	..	..	..	..	..	..	..	..	1	..	2	..	1	2	1	..	..	..	..	..	..	..	5	2	7
39. Soft Chancre	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
40. (1) Gonococcal Infection (Ophthalmia excepted)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(2) Gonorrhœal or Purulent Ophthalmia	1	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
41. Purulent Infection, Septicæmia—																																							
(1) Vaccinia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(2) Other Forms	11	6	5	2	2	..	..	..	..	..	..	..	..	2	2	4	..	..	..	..	..	..	..	1	..	..	..	..	2	..	..	..	2	2	..	..	..	..	4	3	7
42. Other Infectious Diseases..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals—Epidemic, Endemic and Contagious Diseases..	*1008*	*601*	*407*	*49*	*40*	*49*	*34*	*18*	*23*	*17*	*13*	*4*	*3*	*137*	*113*	*250*	*14*	*25*	*13*	*19*	*27*	*18*	*26*	*28*	*65*	*53*	*81*	*46*	*94*	*35*	*83*	*30*	*44*	*25*	*15*	*12*	*2*	*3*	*464*	*294*	*758*
II.—OTHER GENERAL DISEASES NOT INCLUDED IN 1-42.																																							
43. Cancer of the Buccal Cavity	48	46	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	14	1	13	..	16	1	2	..	..	..	46	2	48
44. ,, Pharynx Œsophagus, Stomach, Liver, and Annexa	196	112	84	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	4	2	24	14	37	29	30	26	15	11	..	1	112	84	196
45. ,, Peritoneum, Intestines and Rectum ..	129	71	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	7	3	9	10	16	18	27	21	9	5	1	..	71	58	129
46. ,, Female Genital Organs	80	..	80	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	18	..	21	..	17	..	20	..	2	..	..	..	80	80

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
OTHER GENERAL DISEASES NOT INCLUDED IN 1-42.—*Contd.*																																									
47. Cancer of the Breast ..	46	..	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	7	..	10	..	14	..	9	..	4	..	..	..	46	46
48. ,, ,, Skin ..	14	10	4	..	..	..	..	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1	5	1	2	..	2	1	..	..	10	3	13
49. Cancer of Other or Unspecified Organs	140	100	40	..	1	..	..	..	1	1	..	..	..	1	2	3	..	..	1	1	1	..	..	1	4	..	9	1	19	9	41	17	18	5	4	4	2	..	99	38	137
50. Tumours not returned as malignant (brain and female genital organs excepted)	5	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	..	1	1	..	..	..	2	3	5
51. Rheumatic Fever	29	10	19	..	..	..	..	..	..	..	..	..	2	..	2	2	3	1	1	5	4	1	1	..	..	2	1	2	..	2	..	3	..	..	..	1	..	..	10	17	27
52. Chronic Rheumatism, Osteo-arthritis, Gout—																																									
(1) Chronic Rheumatism, Chronic Arthritis ..	5	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	1	..	1	3	2	5
(2) Rheumatoid and Osteo-arthritis	17	4	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	5	1	4	..	1	..	..	4	13	17
(3) Gout	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
53. Scurvy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
54. Pellagra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
55. Beri-beri	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
56. Rickets	10	7	3	2	1	2	1	1	..	1	..	..	..	6	2	8	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2
57. Diabetes	41	20	21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	1	2	2	1	1	2	3	3	5	6	4	3	4	1	..	..	20	21	41
58. Anæmia, Chlorosis—																																									
A. Pernicious Anæmia ..	19	6	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	3	2	7	2	1	1	1	..	..	6	13	19
B. Other Anæmias and Chlorosis	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	2
59. Diseases of the Pituitary Gland	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
60. Diseases of the Thyroid Gland—																																									
A. Exophthalmic Goitre ..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	2	2
B. (1) Myxœdema	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2	2
B. (2) Cretinism	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
OTHER GENERAL DISEASES NOT INCLUDED IN 1-42.—*Contd.*																																									
B. (3) Other Diseases of the Thyroid Gland ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
61. Diseases of the Parathyroid Glands..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
62. Diseases of the Thymus ..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
63. Diseases of the Adrenals ..	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1	2
64. Diseases of the Spleen ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
65. Leukæmia, Lymphadenoma—																																									
A. Leukæmia	8	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	1	..	1	..	1	..	..	..	..	1	1	..	..	..	..	..	..	4	4	8
B. Lymphadenoma (Hodgkin's Disease) ..	6	4	2	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	1	..	1	..	..	..	..	1	1	..	..	..	..	..	1	..	..	..	..	..	4	1	5
66. Alcoholism (Acute or Chronic)	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	3	..	3
67. Chronic Poisoning by Mineral Substances—																																									
(1) Occupational Lead Poisoning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(2) Other Chronic Poisoning by Mineral Substances	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
68. Chronic Poisoning by Organic Substances ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
69. Other General Diseases—																																									
(1) Purpura..	2	2	..	1	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
(2) Hæmophilia	3	3	..	1	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
(3) Other Diseases included under 69	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals—Other General Diseases not included in 1-42..	*812*	*409*	*403*	*4*	*2*	*2*	*1*	*1*	*2*	*2*	*1*	..	*2*	*9*	*8*	*17*	*6*	*3*	*4*	*9*	*8*	*5*	*2*	*4*	*15*	*12*	*24*	*36*	*77*	*78*	*121*	*122*	*102*	*92*	*38*	*32*	*3*	*2*	*400*	*395*	*795*
Totals—General Diseases ..	*1820*	*1010*	*810*	*53*	*42*	*51*	*35*	*19*	*25*	*19*	*14*	*4*	*5*	*146*	*121*	*267*	*20*	*28*	*17*	*28*	*35*	*23*	*28*	*32*	*80*	*65*	*105*	*82*	*171*	*113*	*204*	*152*	*146*	*117*	*53*	*44*	*5*	*5*	*864*	*689*	*1553*

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
III. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS.																																									
70. Encephalitis—																																									
(1) Cerebral Abscess	5	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	..	1	..	..	..	..	..	..	..	..	..	3	2	5
(2) Other Diseases included under 70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
71. Meningitis	27	15	12	2	3	4	2	2	1	..	1	..	..	8	7	15	1	4	1	1	1	..	..	..	1	..	1	..	1	..	1	..	..	..	..	..	..	..	7	5	12
72. Tabes Dorsalis (Locomotor Ataxy)	8	7	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	3	1	1	..	..	..	..	..	7	1	8
73. Other Diseases of the Spinal Cord	10	9	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	3	..	3	..	2	..	..	..	..	..	9	1	10
74. Cerebral Hæmorrhage, Apoplexy, etc.—																																									
A. (1) Cerebral Hæmorrhage so returned	254	119	135	4	2	..	..	..	..	..	..	..	..	4	2	6	..	..	..	1	..	..	..	..	2	..	2	4	10	15	28	31	45	49	25	29	3	4	115	133	248
(2) Apoplexy, Lesion unstated	36	10	26	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	2	8	3	6	3	9	1	..	10	26	36
B. (1) Cerebral Embolism..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	2	2
(2) Cerebral Thrombosis	35	13	22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	2	1	4	7	5	2	10	..	..	13	22	35
75. Paralysis of Unstated Origin—																																									
A. Hemiplegia	15	3	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	5	3	4	..	2	..	..	3	12	15
B. Other forms of Paralysis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1
76. General Paralysis of the Insane	34	23	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	7	3	7	3	6	1	..	3	1	1	..	..	23	11	34
77. Other forms of Insanity ..	34	4	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	1	7	1	9	1	6	..	4	..	2	4	30	34
78. Epilepsy	20	11	9	..	..	1	1	..	..	..	..	..	..	1	1	2	..	..	1	..	1	..	3	3	1	3	1	..	1	1	1	..	1	1	..	..	..	..	10	8	18
79 and 80. Convulsions (non-puerperal)	41	25	16	22	15	3	1	..	..	..	..	..	..	25	16	41	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
81. Chorea	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	1	3
82. Hysteria and Neuritis ..	4	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	1	..	..	..	..	..	..	1	3	4
83. Cerebral Softening.. ..	7	3	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	1	1	..	..	2	..	..	3	4	7

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
Diseases of the Nervous System, Etc.—*Continued.*																																									
84. Other Diseases of the Nervous System—																																									
(1) Idiocy, Imbecility ..	3	..	3	..	..	..	..	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	2	2
(2) Cerebral Tumour ..	13	9	4	..	..	..	1	..	..	..	..	1	..	1	1	2	..	1	..	..	..	..	2	..	1	..	1	..	2	2	2	..	..	..	..	..	..	..	8	3	11
(3) Disseminated Sclerosis .	3	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	..	..	..	..	..	1	2	3
(4) Paralysis Agitans ..	9	7	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	4	..	1	..	7	2	9
(5) Other Diseases included under 84	4	2	2	..	1	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	1	..	..	..	..	..	2	1	3
85. Diseases of the Eye and Annexa	3	2	1	..	..	1	1	..	..	..	..	..	..	1	1	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
86. Diseases of the Ear and Mastoid Sinus—																																									
(1) Diseases of the Mastoid Sinus	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
(2) Diseases of the Ear ..	8	5	3	1	..	..	..	..	..	1	..	..	..	2	..	2	..	..	..	1	..	1	1	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	3	3	6
Totals—Diseases of the Nervous System and Sense Organs	*580*	*276*	*304*	*29*	*21*	*9*	*6*	*2*	*2*	*1*	*1*	*1*	..	*42*	*30*	*72*	*3*	*5*	*3*	*5*	*3*	*3*	*8*	*3*	*9*	*8*	*18*	*11*	*29*	*37*	*54*	*62*	*66*	*77*	*36*	*57*	*5*	*6*	*234*	*274*	*508*
IV. Diseases of the Circulatory System.																																									
87. Pericarditis	14	8	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	2	1	..	..	..	3	2	1	1	..	..	..	..	..	..	8	6	14
88. Acute Endocarditis and Myocarditis—																																									
(1) Infective Endocarditis .	30	12	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	2	2	..	6	..	1	3	4	3	..	4	2	..	..	..	..	..	..	12	18	30
(2) Other Acute Endocarditis	7	3	4	..	..	..	..	..	..	..	..	1	..	1	..	1	1	1	..	..	..	..	1	..	..	..	..	1	..	2	..	..	..	..	..	..	..	..	2	4	6
(3) Acute Myocarditis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
DISEASES OF THE CIRCULATORY SYSTEM.—*Continued.*																																									
89. Angina Pectoris	13	8	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	3	..	2	1	..	3	..	..	8	5	13
90. Other Diseases of the Heart—																																									
(1) Aortic Valve Disease ..	39	32	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	9	..	..	3	7	2	10	1	4	1	..	..	32	7	39
(2) Mitral Valve Disease ..	106	32	74	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	1	4	1	3	3	3	1	12	2	5	9	11	4	13	8	15	2	8	..	..	31	74	105
(3) Aortic and Mitral Valve Disease	3	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	..	..	..	1	2	3
(4) Other or Unspecified Valve Disease.. ..	136	56	80	..	..	..	1	..	..	..	..	..	..	..	1	1	1	..	3	4	..	3	3	2	3	3	2	10	5	12	19	14	15	19	4	11	1	1	56	79	135
(5) Fatty Heart	12	5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	4	3	..	1	..	2	..	..	5	7	12
(6) Cardiac Dilatation, unspecified cause ..	60	28	32	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	2	3	5	3	6	9	12	7	1	8	..	1	28	32	60
(7) Other or Unspecified Myocardial Disease ..	198	100	98	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	4	4	11	5	24	22	35	35	22	28	3	4	100	98	198
(8) Disordered Action of the Heart	6	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	2	..	..	..	..	2	..	..	3	3	6
(9) Heart Disease (undefined)	59	30	29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	2	2	1	1	8	7	6	8	10	10	1	..	30	29	59
91. Diseases of the Arteries—																																									
(a) Aneurism	9	8	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	4	..	2	..	..	1	..	..	8	1	9
(b) Arterio-Sclerosis —																																									
(1) With record of Cerebral Vascular Lesion	84	39	45	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	3	11	7	16	18	7	9	3	7	39	45	84
(2) Without ,, ,, ..	326	197	129	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	2	37	9	81	37	56	65	16	16	197	129	326
(c) Other Diseases of the Arteries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
92. Embolism and Thrombosis (not Cerebral) ..	7	4	3	..	1	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	1	2	2	..	..	..	..	..	..	..	4	2	6
93. Diseases of the Veins (Varices, Hæmorrhoids, Phlebitis, etc.) ..	4	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	..	..	..	..	2	2	4

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
DISEASES OF THE CIRCULATORY SYSTEM, ETC.—*Continued.*																																									
94. Diseases of the Lymphatic System (Lymphangitis, etc.)	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
95. Hæmorrhage without stated cause	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
96. Other Diseases of the Circulatory System ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals—Diseases of the Circulatory System ..	*1115*	*569*	*546*	..	*1*	..	*1*	..	..	*1*	..	*1*	..	*2*	*2*	*4*	*2*	*4*	*6*	*10*	*6*	*9*	*8*	*14*	*10*	*17*	*25*	*30*	*56*	*49*	*137*	*91*	*187*	*143*	*106*	*148*	*24*	*29*	*567*	*544*	*1111*
V. DISEASES OF THE RESPIRATORY SYSTEM.																																									
97. Diseases of the Nasal Fossæ and Annexa—																																									
(1) Diseases of the Nose ..	1	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(2) Diseases of the Accessory Nasal Sinuses ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
98. Diseases of the Larynx—																																									
(1) Laryngismus Stridulus .	2	1	1	..	1	..	..	1	..	..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(2) Laryngitis	3	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	2	3
(3) Other Diseases of the Larynx	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
99. Bronchitis—																																									
A. Acute	106	44	62	15	16	3	6	2	..	..	1	..	..	20	23	43	1	..	..	..	1	..	..	..	..	2	1	2	1	2	5	7	6	13	7	10	2	3	24	39	63
B. Chronic	121	66	55	1	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	1	..	1	1	1	..	4	1	11	1	10	12	21	17	15	21	..	2	65	55	120
C. and D. Not stated whether Acute or Chronic ..	253	131	122	20	17	10	6	3	1	..	..	1	..	34	24	58	..	..	..	..	..	..	1	..	..	2	..	2	10	5	20	11	30	33	30	37	6	8	97	98	195
100. Broncho-Pneumonia ..	259	144	115	65	36	37	33	7	15	6	4	1	3	116	91	207	..	5	..	..	..	3	1	..	1	1	3	2	7	2	5	3	5	5	5	2	1	1	28	24	52

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals
DISEASES OF THE RESPIRATORY SYSTEM.—*Continued.*																																									
101. Pneumonia (Lobar and not otherwise defined)—																																									
A. Lobar	127	84	43	1	1	1	..	1	..	..	..	1	1	4	2	6	3	2	3	4	3	2	4	1	10	3	13	6	14	6	10	5	14	9	6	2	..	1	80	41	121
B. Not otherwise defined ..	193	129	64	19	12	4	7	6	3	..	..	..	..	29	22	51	3	..	..	2	6	1	5	4	9	5	18	5	24	5	18	5	15	10	1	5	1	..	100	42	142
102. Pleurisy—																																									
(1) Empyema	4	3	1	1	..	..	..	..	..	..	..	..	1	1	1	2	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	..	2
(2) Other Pleurisy	9	5	4	..	..	2	..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	1	..	..	3	1	..	1	1	..	..	..	..	3	4	7
103. Congestion and Hæmorrhagic Infarct. of Lung	5	..	5	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	1	..	4	4
104. Gangrene of Lung	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
105. Asthma	8	3	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	2	..	2	1	..	..	1	..	..	3	5	8
106. Pulmonary Emphysema ..	3	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	1	2	3
107. Other Diseases of the Respiratory System—																																									
A. Chronic Interstitial Pneumonia	9	8	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	1	1	3	..	..	..	..	..	8	1	9
B. Diseases of the Mediastinum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
C. Other Diseases included under 107	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	2	1	3
Totals — Diseases of the Respiratory System ..	*1107*	*624*	*483*	*123*	*83*	*57*	*53*	*20*	*19*	*6*	*5*	*3*	*5*	*209*	*165*	*374*	*10*	*8*	*3*	*6*	*12*	*6*	*12*	*6*	*21*	*14*	*41*	*18*	*74*	*27*	*70*	*46*	*98*	*90*	*64*	*81*	*10*	*16*	*415*	*318*	*733*
VI. DISEASES OF THE DIGESTIVE SYSTEM.																																									
108. Diseases of the Buccal Cavity and Annexa—																																									
(1) Diseases of the Teeth and Gums	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
DISEASES OF THE DIGESTIVE SYSTEM.—*Continued.*																																									
(2) Ludwig's Angina ..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(3) Other Diseases included under 108	1	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
109. Diseases of the Pharynx and Tonsils—																																									
(1) Tonsillitis, etc., Adenoid Vegetations	7	3	4	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	4	2	..	..	..	..	..	..	..	..	..	..	..	2	4	6
(2) Other Diseases included under 109	2	1	1	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
110. Diseases of the Œsophagus	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	1
111. Ulcer of the Stomach or Duodenum—																																									
A. Ulcer of the Stomach ..	20	15	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	2	..	6	1	5	..	1	2	..	..	..	..	15	5	20
B. ,, Duodenum ..	13	12	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	1	2	..	..	..	3	..	1	..	1	..	..	..	12	1	13
112. Other Diseases of the Stomach—																																									
(1) Inflammation of the Stomach	20	11	9	5	3	..	1	..	1	..	..	..	..	5	5	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	1	3	1	..	2	6	4	10
(2) Other Diseases included under 112	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	2
113 and 114. Diarrhœa and Enteritis—																																									
(1) Ulceration of the Intestines	4	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	..	1	..	..	..	..	2	2	4
(2) Colitis	13	7	6	6	2	..	2	..	..	..	..	..	..	6	4	10	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	1	2	3
(3) Other Diseases included under 113 and 114 ..	95	55	40	33	26	12	7	..	1	2	1	..	..	47	35	82	..	1	..	..	1	..	1	1	1	..	2	..	1	..	1	2	..	1	1	..	..	..	8	5	13
115. Ankylostomiasis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
116. Diseases due to other Intestinal Parasites—																																									
A. Cestodes (hydatids of Liver excepted) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
DISEASES OF THE DIGESTIVE SYSTEM.—*Continued.*																																									
B. Trematodes	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
C. Nematodes	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
D. Coccidia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
E. Other Parasites ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
F. Undefined Parasites ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
117. Appendicitis and Typhlitis	38	23	15	1	..	..	..	..	..	..	..	..	1	1	1	2	..	3	4	3	3	..	2	1	2	1	3	2	5	2	2	3	1	..	..	..	..	..	22	14	36
118. Hernia, Intestinal Obstruction—																																									
A. Hernia	19	7	12	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	1	3	1	1	2	2	2	4	..	1	..	..	6	12	18
B. Intestinal Obstruction ..	27	13	14	2	4	1	1	..	..	..	..	..	..	3	5	8	..	..	..	..	..	1	1	..	..	..	..	1	..	..	1	1	2	3	6	3	..	..	10	9	19
119. Other Diseases of the Intestines	5	3	2	..	1	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	1	1	..	..	..	3	1	4
120. Acute Yellow Atrophy of Liver	2	1	1	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
121. Hydatid Tumour of Liver..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
122. Cirrhosis of the Liver —																																									
A. Returned as Alcoholic ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
B. Not ,, ,, ..	21	12	9	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	3	3	6	2	2	3	..	1	..	..	11	9	20
123. Biliary Calculi	18	7	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	3	1	3	3	4	1	1	..	..	7	11	18
124. Other Diseases of the Liver	13	7	6	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	4	3	..	..	2	2	..	..	6	6	12
125. Diseases of the Pancreas ..	6	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	1	2	..	..	..	..	..	..	3	3	6
126. Peritonitis of unstated origin	11	7	4	1	..	..	..	..	..	..	..	..	..	1	..	1	1	1	..	..	..	..	..	1	2	..	1	1	..	..	2	1	..	..	..	..	..	..	6	4	10
127. Other Diseases of the Digestive System	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals—Diseases of the Digestive System	*340*	*191*	*149*	*53*	*37*	*14*	*11*	..	*2*	*2*	*1*	*1*	*1*	*70*	*52*	*122*	*1*	*5*	*4*	*4*	*4*	*2*	*4*	*4*	*12*	*10*	*16*	*7*	*21*	*11*	*31*	*20*	*12*	*20*	*16*	*11*	..	*3*	*121*	*97*	*218*

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
VII. NON-PUERPERAL DISEASES OF THE GENITO-URINARY SYSTEM.																																									
128. Acute Nephritis (including unspecified under 10 years of age)	14	8	6	..	1	2	1	..	..	1	..	..	..	3	2	5	1	2	..	..	..	1	1	..	1	..	1	..	1	..	..	..	..	1	..	..	..	..	5	4	9
129. Chronic Nephritis (including unspecified over 10 years of age)	176	91	85	..	..	..	..	1	..	..	..	..	..	1	..	1	1	2	2	1	..	..	2	..	3	2	7	10	18	13	23	22	23	27	10	8	1	..	90	85	175
130. Chyluria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
131. Other Diseases of the Kidneys and Annexa ..	8	2	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1	..	4	..	..	..	..	2	6	8
132. Calculi of the Urinary Passages	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	2	..	2
133. Diseases of the Bladder—																																									
(1) Cystitis	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	2
(2) Other Diseases of the Bladder	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
134. Diseases of the Urethra, Urinary Abscess, etc.—																																									
A. Stricture of the Urethra	5	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	2	..	1	..	..	..	..	..	5	..	5
B. Other Diseases of the Urethra, etc.	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1
135. Diseases of the Prostate ..	25	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	5	..	10	..	6	..	3	..	25	..	25
136. Non-venereal Diseases of the Male Genital Organs ..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1
137. Cysts and other Tumours of the Ovary not returned as malignant	5	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	..	1	..	1	..	..	..	..	..	5	5
138. Salpingitis and Pelvic Abscess—																																									
(1) Salpingitis	6	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	6	6
(2) Pelvic Abscess	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
NON-PUERPERAL DISEASES OF THE GENITO-URINARY SYSTEM. —*Continued.*																																									
139. Tumours of the Uterus not returned as malignant	5	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	2	..	..	..	..	..	..	..	..	..	5	5
140. Uterine Hæmorrhage ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
141. Other Diseases of the Female Genital Organs—																																									
(1) Other Diseases of the Uterus..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	1
(2) Diseases of other Female Genital Organs not included in other headings	4	..	4	..	..	..	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	1	..	..	..	..	..	4	4
142. Non-Puerperal Diseases of the Breast	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals—Non-Puerperal Diseases of Genito - Urinary System	*255*	*136*	*119*	..	*1*	*2*	*1*	*1*	..	*1*	..	..	..	*4*	*2*	*6*	*2*	*4*	*2*	*1*	..	*2*	*3*	*2*	*4*	*5*	*11*	*15*	*23*	*21*	*32*	*24*	*34*	*34*	*17*	*9*	*4*	..	*132*	*117*	*249*
VIII. THE PUERPERAL STATE.																																									
143. Accidents of Pregnancy—																																									
A. Abortion..	4	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	1	..	..	..	..	..	..	..	..	..	..	..	4	4
B. Ectopic Gestation ..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
C. Other Accidents ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
144. Puerperal Hæmorrhage ..	3	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	3	..
145. Other Accidents of Childbirth	4	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	4	4

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
THE PUERPERAL STATE.—*Contd.*																																									
146. Puerperal Sepsis	23	..	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	4	..	11	..	7	..	..	..	..	..	..	..	..	..	..	..	23	23
147. Phlegmasia Alba-dolens, Puerperal Embolism, etc.																																									
(1) Phlegmasia Alba-dolens not returned as Septic.	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
(2) Embolism and Sudden Death	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1
148. Puerperal Albuminuria and Convulsions	6	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	3	..	1	..	..	..	..	..	..	..	..	..	..	..	6	6
149. Childbirth not assignable to other headings (Puerperal Insanity) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
150. Puerperal Diseases of the Breast	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals—The Puerperal State ..	*44*	..	*44*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*1*	..	*8*	..	*21*	..	*14*	..	..	..	..	..	..	..	..	..	..	..	*44*	*44*
IX.—DISEASES OF THE SKIN AND CELLULAR TISSUE.																																									
151. Gangrene—																																									
(1) Senile Gangrene ..	10	7	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	1	4	2	..	..	7	3	10
(2) Other Gangrene ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
152. Furuncle	6	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	..	1	1	..	1	..	..	..	..	..	..	..	4	2	6
153. Phlegmon, Acute Abscess—																																									
(1) Phlegmon	5	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	2	..	1	..	..	..	..	..	4	1	5
(2) Acute Abscess ..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	2	2

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
DISEASES OF THE SKIN AND CELLULAR TISSUE.—*Contd.*																																								
154. Other Diseases of the Skin and Annexa—																																								
(1) Ulcer, Bedsore	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2	2
(2) Eczema	1	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(3) Pemphigus	2	..	2	..	2	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(4) Other Diseases included under 154	5	2	3	1	1	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	1	1	2	3
Totals—Diseases of Skin and Cellular Tissue ..	*33*	*18*	*15*	*2*	*3*	..	..	..	..	..	..	..	..	*2*	*3*	*5*	..	..	*1*	..	..	..	..	..	*2*	*1*	..	*2*	*1*	*4*	*4*	*1*	*4*	*1*	*4*	*2*	..	*1*	*16*	*12*	*28*
X. DISEASES OF THE BONES AND ORGANS OF LOCOMOTION.																																								
155. Diseases of the Bones—																																								
(1) Infective Osteomyelitis and Periostitis ..	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	2
(2) Other Diseases of the Bones	4	2	2	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1	2	3
156. Diseases of the Joints ..	3	3	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
157. Amputation	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
158. Other Diseases of the Organs of Locomotion ..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Totals—Diseases of the Bones and Organs of Locomotion	*10*	*7*	*3*	*2*	..	..	..	..	..	..	..	..	..	*2*	..	*2*	..	*1*	..	..	*2*	..	*1*	..	..	*1*	..	..	*1*	..	..	..	*1*	..	..	*1*	..	..	*5*	*3*	*8*

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
XI. Malformations.																																							
159. Malformations—																																							
(1) Congenital Hydrocephalus	3	1	2	1	1	..	..	..	..	..	..	..	..	1	1	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
(2) Congenital Malformation of Heart ..	16	13	3	10	2	1	..	..	..	..	..	..	..	11	2	13	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	3
(3) Other Congenital Malformations	30	17	13	16	12	1	1	..	..	..	..	..	..	17	13	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals—Malformations	*49*	*31*	*18*	*27*	*15*	*2*	*1*	..	..	..	..	..	..	*29*	*16*	*45*	*1*	*1*	..	*1*	*1*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*2*	*2*	*4*
XII. Diseases of Early Infancy.																																							
160. Congenital Debility, Sclerema and Icterus—																																							
(1) Congenital Debility and Sclerema	69	38	31	38	30	..	1	..	..	..	..	..	..	38	31	69	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(2) Icterus	8	4	4	4	4	..	..	..	..	..	..	..	..	4	4	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
161. Premature Birth, Injury at Birth—																																							
(1) Premature Birth ..	248	135	113	135	113	..	..	..	..	..	..	..	..	135	113	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(2) Injury at Birth ..	9	8	1	7	1	1	..	..	..	..	..	..	..	8	1	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
162. Other Diseases peculiar to Early Infancy—																																							
(1) Diseases of the Umbilicus	4	2	2	2	2	..	..	..	..	..	..	..	..	2	2	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(2) Atelectasis	25	13	12	13	12	..	..	..	..	..	..	..	..	13	12	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(3) Other Diseases included under 162	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
163. Lack of Care	2	1	1	1	1	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals—Diseases of Early Infancy	*365*	*201*	*164*	*200*	*163*	*1*	*1*	..	..	..	..	..	..	*201*	*164*	*365*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
XIII. OLD AGE.																																									
164. Old Age—																																									
(1) Senile Dementia ..	16	1	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	7	..	7	..	..	1	15	16
(2) Senile Decay	100	33	67	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	5	6	16	41	11	20	33	67	100
Totals—Old Age	*116*	*34*	*82*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*1*	*1*	*6*	*13*	*16*	*48*	*11*	*20*	*34*	*82*	*116*
XIV. EXTERNAL CAUSES.																																									
165 and 166. Suicide by Solid or Liquid Poisons and Corrosive Substances .	7	5	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	..	..	1	..	..	2	..	..	..	..	..	5	2	7
167. Suicide by Poisonous Gas ..	11	6	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	5	2	1	..	..	..	..	..	..	..	..	..	6	5	11
168. Suicide by Hanging or Strangulation.. ..	9	5	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	3	..	2	1	..	1	..	..	..	..	5	4	9
169. Suicide by Drowning ..	9	6	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	2	2	1	1	1	..	..	..	..	..	6	3	9
170. Suicide by Firearms ..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1
171. Suicide by Cutting or Piercing Instruments ..	14	11	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	6	..	2	2	1	..	1	..	..	..	11	3	14
172. Suicide by Jumping from High Place	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	2	..	2
173. Suicide by Crushing ..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	..	2
174. Suicide by Other Means ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
175. Poisoning by Food ..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
176. Poisoning by Venomous Animals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
177. Other Acute Accidental Poisonings	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
EXTERNAL CAUSES.—*Continued.*																																								
178. Conflagration	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1
179. Burns (Conflagration excepted)	25	10	15	..	1	2	2	1	1	3	1	1	..	7	5	12	2	5	..	1	..	..	..	2	..	1	..	..	..	..	..	..	1	..	..	1	..	..	3	10	13
180. Accidental Mechanical Suffocation	13	8	5	7	5	..	..	..	..	..	..	..	..	7	5	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1
181. Accidental Absorption of Irrespirable Poisonous Gas	3	2	1	1	..	..	..	..	..	..	..	..	1	1	1	2	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
182. Accidental Drowning ..	12	10	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..	2	1	1	1	1	..	2	..	1	..	..	..	..	..	10	2	12
183. Accidental Injury by Firearms	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
184. Accidental Injury by Cutting or Piercing Instruments	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
185. Accidental Injury by Fall..	57	30	27	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	1	..	1	..	1	2	2	..	1	4	6	..	3	4	8	5	4	6	..	6	30	27	57
186. Accidental Injury in Mines and Quarries	20	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	2	..	5	..	4	..	4	..	2	..	..	..	..	..	..	..	20	..	20
187. Accidental Injury by Machinery	6	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	2	..	2	..	..	..	..	..	..	..	6	..	6
188. Accidental Injury by other forms of Crushing (vehicles, railways, etc.)..	59	45	14	..	..	..	..	..	2	..	1	1	..	1	3	4	5	2	4	..	3	2	3	..	5	..	3	1	7	..	6	2	6	3	2	1	..	..	44	11	55
189. Injury by Animals (Poisoning excepted).. ..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1
190. Wounds of War	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1
191. Execution of Civilians by Belligerent Armies ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
192. Hunger or Thirst	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
193. Excessive Cold	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
194. Excessive Heat	1	1	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
195. Lightning	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
196. Electricity (Lightning excepted)	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1

TABLE XX.—*Continued.*

CAUSE OF DEATH.	TOTALS—ALL AGES.			Under 1 year.		1 & under 2 years.		2 & under 3 years.		3 & under 4 years.		4 & under 5 years.		TOTALS—UNDER FIVE YEARS.			5 & under 10 years.		10 & under 15 years.		15 & under 20 years.		20 & under 25 years.		25 & under 35 years.		35 & under 45 years.		45 & under 55 years.		55 & under 65 years.		65 & under 75 years.		75 & under 85 years.		85 years & upwards.		TOTALS—ABOVE FIVE YEARS.		
	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals.
EXTERNAL CAUSES.—*Continued.*																																										
197. Homicide by Firearms ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
198. Homicide by Cutting or Piercing Instruments .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
199. Homicide by other means	6	3	3	..	1	..	..	1	..	..	..	..	..	1	1	2	..	1	..	..	..	..	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	2	2	4
200. Infanticide	2	1	1	1	..	..	1	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
201. Fracture (cause not specified)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202. Other External Violence ..	7	6	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	1	..	3	..	..	..	1	..	..	..	..	..	..	..	6	1	7
203. Violent Deaths of Unknown Causation	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals—External Causes ..	*273*	*187*	*86*	*9*	*7*	*2*	*3*	*3*	*3*	*3*	*2*	*2*	*1*	*19*	*16*	*35*	*13*	*8*	*5*	*2*	*12*	*3*	*8*	*5*	*19*	*7*	*27*	*9*	*32*	*3*	*21*	*10*	*21*	*9*	*10*	*8*	..	*6*	*168*	*70*	*238*
XV. ILL-DEFINED DISEASES.																																										
204. Sudden Death	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
205. Cause of Death Unstated or Ill-defined—																																										
(1) Heart Failure, 1-70 years	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
(2) Other Ill-defined Causes	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2	2
(3) Cause not specified ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals—Ill-Defined Diseases ..	*3*	*1*	*2*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*1*	*1*	..	..	..	..	..	..	*1*	..	..	..	..	..	..	*1*	*2*	*3*
GRAND TOTALS	6110	3285	2825	498	373	138	112	45	51	33	23	12	12	726	571	1297	52	64	41	57	75	49	72	75	158	149	243	188	408	265	554	408	575	504	322	409	59	86	2559	2254	4813

CITY HOSPITALS.

Statistics have been furnished by Dr. Egerton H. Williams, Medical Superintendent of the City Hospitals, with regard to hospital treatment during 1924 and previous years, also in reference to bacteriological and other examinations carried out during the year by the staff, as follows :—

TABLE XXI.—*Daily Average Number of Patients in the City Hospitals.*

Year.	Daily Average Number of Cases in each of the City Hospitals.				Total Daily Average Cases in the City Hospitals	Highest Number in any one day.	Date.	Lowest Number in any one day.	Date.
	Lodge Moor.	Crimicar Lane.	Winter Street.	Moor End.					
1911	217·7	18·8	. .	19·2	255·7	351	Mar. 31	191	Aug. 26
1912	252·8	19·4	20·4 (6 months)	19·6	312·2	319	Jan. 6	191	April 29
1913	348·8	24·5	68·8	24·5	466·6	559	Dec. 13	366	Jan. 22
1914	335·4	27·0	76·0	25·8	464·2	554	Mar. 5 & 10	364	Nov. 9
1915	303·4	78·2	Entirely under Military control	28·7	410·3	506	Nov. 18 & 20	354	April 29
1916	203·6	91·18	Military 95·7	27·23	417·7	482	Jan. 29	356	Jan. 10
1917	223·58	93·16	Military 111·81	27·96	456·5	566	Dec. 29 & 30	379	Sept. 10
1918	252·05	98·65	Military 90·13	32·75	473·5	574	Jan. 17	381	Aug. 14
1919	211·56	100·36	Military and Consumptives *37·31	41·75	390·98	501	Oct. 23	285	July 2
1920	210·09	102·59	Consumptives 92·04	41·76	446·48	570	May 29	339	Aug. 28
1921	228·85	99·9	91·74	40·66	461·15	563	Dec. 20 & 22	353	Aug. 29
1922	245·4	102·0	92·1	40·8	480·3	562	May 4	367	Sept. 4
1923	261·1	106·9	97·2	40·7	505·9	572	Feb. 8	392	Aug. 18 & 21
1924	282·09	103·28	102·5	38·18	526·05	588	June 1	442	Sept. 8

* Military Cases—100·76, 6 weeks. Consumptive Cases—60·73, 5 months.

TABLE XXII.—*Showing the Notifications, Percentages of Cases admitted, and Death Rate, for the Three Principal Diseases.*

Year.	Notifications.			Percentage of Cases Admitted on Notifications.			Total.	Death Rate calculated on Total completed Cases.
	Scarlet Fever.	Diph-theria.	Enteric Fever.	Scarlet Fever.	Diph-theria.	Enteric Fever.		
1903	2,114	492	345	67·3	44·2	75·2	62·2	5·06
1904	2,906	400	348	76·8	53·3	72·2	67·4	4·4
1905	3,087	407	322	69·5	52·5	71·9	64·6	4·1
1906	4,905	675	390	63·3	50·9	81·0	65·08	4·6
1907	2,358	431	212	72·7	48·4	75·0	65·3	4·9
1908	1,404	438	237	80·6	62·7	75·5	72·9	4·1
1909	1,532	376	175	81·2	66·3	76·2	74·5	3·6
1910	1,356	401	124	78·6	69·3	79·2	78·6	3·7
1911	1,385	505	253	84·5	74·4	80·2	79·7	4·3
1912	1,741	548	164	90·6	77·1	80·4	86·9	3·8
1913	3,512	831	73	68·4	67·7	61·6	68·1	3·3
1914	3,131	846	114	74·8	71·6	72·8	74·1	3·9
1915	2,163	1,006	102	82·9	78·03	84·3	81·38	3·8
1916	847	817	69	87·1	84·7	73·9	85·4	4·4
1917	1,170	545	55	88·4	89·3	83·6	88·5	3·8
1918	1,491	615	45	89·6	91·7	86·6	90·1	3·3
1919	1,230	513	16	85·36	87·9	93·75	86·18	1·8
1920	866	600	25	84·52	88·33	88·0	86·1	2·2
1921	1,013	685	47	90·8	88·46	74·46	89·45	2·2
1922	1,296	648	47	88·96	88·11	68·08	88·19	4·02
1923	1,490	502	42	87·24	91·43	71·42	87·95	1·78
1924	1,332	515	45	89·8	91·4	71·1	89·8	1·74

TABLE XXIII.—*Average Duration of Patients in Hospital.*

DISEASE.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	1922.	1923.	Average for 10 Years.	1924.
	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.
Scarlet Fever	41·5	43·7	46·7	46·3	45·4	42·3	46·4	47·5	42·6	44·34	44·6	43·7
Diphtheria	34·4	37·3	44·2	34·7	43·5	39·0	40·3	43·2	43·4	52·95	41·2	52·06
Enteric Fever	35·0	34·6	57·9	44·3	47·8	59·8	55·3	56·1	61·1	36·7	48·8	58·2
Measles	..	..	30·3	30·1	25·2	29·1	26·8	37·1	28·1	34·8	*30·2	34·6
Other Diseases ..	27·5	19·0	25·5	24·0	20·8	24·3	25·0	28·1	26·6	27·98	24·8	26·2
Total for all Diseases	38·6	39·4	41·8	37·2	38·9	36·0	35·9	38·5	37·5	40·66	38·4	38·8

* Average for 8 years only.

BACTERIOLOGICAL WORK CARRIED OUT AT LODGE MOOR HOSPITAL.

Bacteriological work has been entirely done by the Resident Medical Officers at Lodge Moor Hospital. Media on which organisms are grown has been prepared in the Laboratory as in previous years.

EXAMINATIONS CARRIED OUT DURING YEAR 1924.

Swabs (Throat and Nasal) and Statim Smears	1,901
Special Examinations of Urines	114
Blood Examinations	40
Cerebro-Spinal Fluid	10
Pneumonic and Tubercular Sputum	160
Widal Reaction for Typhoid	25

SANITARY ADMINISTRATION.

GENERAL SANITARY WORK.

TABLE XXIV.—*Summary of Work done by Sanitary Inspectors during* 1924.

Details of Work done.	No. 1 District.	No. 2 District.	No. 3 District.	No. 4 District.	No. 5 District.	TOTALS.
(1) Premises visited on account of Nuisances	1,270	1,848	2,818	2,838	2,131	10,905
(2) Premises where Smoke test applied to Drains	297	270	198	182	280	1,227
(3) Premises where Water test applied to Drains	358	548	383	546	633	2,468
(4) Premises where Colour test applied to Drains	134	96	178	134	99	641
(5) Visits to Work in progress ..	3,235	4,157	2,286	3,668	4,420	17,766
(6) Miscellaneous Visits	4,991	5,840	7,343	6,432	6,713	31,319
(7) Interviews with Owners	298	377	469	490	224	1,858
(8) Nuisances abated	1,114	2,072	2,363	1,944	1,345	8,838
(9) Yards paved	125	219	266	208	117	935
(10) Visits for Zymotic Diseases ..	242	467	546	790	781	2,826
(11) Visits for Disinfection of Premises	199	388	331	367	361	1,646
(12) Visits to Milkshops and Cowsheds	135	722	215	220	398	1,690
(13) Visits to Butchers' Shops and Slaughter-houses	751	..	993	2,198	1,003	4,945
(14) Visits to Offensive Trades ..	44	..	77	261	206	588
(15) Notices served—(*a*) Statutory ..	239	576	775	381	302	2,273
(*b*) Informal ..	913	2,497	2,167	1,714	1,378	8,669
(16) Proceedings taken	1	13	25	4	9	52

HOUSING OF THE WORKING CLASSES ACTS.

Closing Orders were made in respect of two houses during the year. It is still impracticable to apply the powers contained in the Housing Acts on account of the impossibility of re-housing those who occupy houses which are unfit for habitation and which ought to be condemned. The following statement shows the result of the action taken :—

> No. 4 house in Court 1, Leverton Street : A Closing Order was made, but the repairs required to make the house suitable for human habitation have since been carried out. The Closing Order has therefore been determined.
>
> No. 9, Low Road, Malin Bridge : A Closing Order was made and an Ejectment Order is now pending.

Particulars with regard to the work will be found in Table XXVII.

HOUSING OF THE POPULATION.—861 new houses were certified during the year 1924, as against 665 in 1923, 979 in 1922, and 1,031 in 1921.

During 1924 there were 3,951 marriages and 3,602 more births than deaths. The overcrowding in the City is still deplorable.

The number of families on the waiting list for Municipal houses became so hopelessly unwieldy that for a time applications had to be refused. I understand from the City Treasurer, however, that the list was re-opened during the year, and approximately 4,000 new applicants have been registered.

Very numerous applications of a most pathetic description are received at this office, of which only a very small number can be entertained. Unfortunately, this has led in many cases to sub-letting by tenants of the Corporation, and already owing to this fact conditions are being created in some of the Corporation Estates which are most undesirable, but which it is impossible for the Treasurer's Department to control until the population can be adequately housed. The City Treasurer is, however, dealing as far as possible, and without avoidable delay, with all cases in which defects or abuse by tenants of the property are reported by the Medical Officer of Health, and is co-operating in every way with the efforts of the Health Department to prevent the development of insanitary conditions.

The following table shows the number of dwelling-houses certified for human habitation since 1886, the figures being for the Municipal year ending 31st March—thus the number for the year 1924 means the number certified during the year ended 31st March, 1925 :—

TABLE XXV.—*Houses Certified since year* 1886.

Year ending March.	Houses Certified.	Year ending March.	Houses Certified.	Year ending March.	Houses Certified.
1886	725	1899	2,650	1912	703
1887	928	1900	2,876	1913	542
1888	806	1901	2,118	1914	570
1889	830	1902	1,977	1915	399
1890	903	1903	2,051	1916	397
1891	692	1904	1,963	1917	57
1892	786	1905	1,982	1918	8
1893	822	1906	1,904	1919	78
1894	632	1907	1,753	1920	413
1895	523	1908	1,778	1921	1,165
1896	1,059	1909	1,469	1922	814
1897	1,443	1910	1,243	1923	646
1898	2,273	1911	866	1924	1,042

The following table shows the number of new houses certified as fit for human habitation by the Chief Building Surveyor during each calendar month from the Armistice to the end of March, 1925 :—

TABLE XXVI.—*Houses certified each month since the Armistice.*

PERIOD.	1918.	1919.	1920.	1921.	1922.	1923.	1924.	1925.
January	..	..	18	43	81	25	54	102
February	..	..	9	34	140	100	44	111
March	..	..	23	119	109	40	48	114
April	..	..	30	48	99	41	26	..
May	..	..	2	31	126	58	35	..
June	..	..	43	70	98	55	82	..
July	..	1	..	47	172	36	69	..
August	..	..	17	43	30	35	75	..
September	..	..	10	122	4	27	65	..
October	..	..	67	89	54	62	120	..
November	..	..	6	215	44	44	90	..
December	1	27	42	170	22	142	153	..

Of the 1,042 houses certified in the last 12 months of the period given in the table, 305 were erected by the Corporation.

During the year under review the work of repaving back yards has received special attention, and 935 yards have been completed, 114 more than during 1923. In my opinion this is one of the most important practical sanitary reforms, as it can constantly be seen that when an unpaved and dirty back yard is put in good condition the effect is to improve the sanitary condition and cleanliness of the whole interior of the houses using such yard.

The whole cost of this work falls upon the property owners, and there are many cases of small owners where the expenditure involves considerable hardship or where the money actually cannot be found. This naturally interferes very much with the progress of the work.

The City Council agreed to the recommendation of the Health Committee that in suitable cases this work might be carried out at the cost of the Corporation, and the amount repaid by the owner in instalments to be approved by the Committees concerned. I anticipate that this arrangement will greatly facilitate this most important sanitary reform.

The usual table asked for by the Ministry of Health is appended.

TABLE XXVII.—HOUSING.

1. UNFIT DWELLING-HOUSES.

Inspection—(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	21,431
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	4
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	45
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	3

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	16,608

3. ACTION UNDER STATUTORY POWERS.

A.—Proceedings under Section 28 of the Housing, Town Planning, &c., Act, 1919—	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	20
(2) Number of dwelling-houses which were rendered fit—	
(*a*) by owners	12
(*b*) by Local Authority in default of owners	..
(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	..
B.—Proceedings under Public Health Acts—	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	20,122
(2) Number of dwelling-houses in which defects were remedied after service of formal notices—	
(*a*) by owners	14,609
(*b*) by Local Authority in default of owners	..
C.—Proceedings under Sections 17 and 18 of the Housing, Town Planning, &c., Act, 1909—	
(1) Number of representations made with a view to the making of Closing Orders	2
(2) Number of dwelling-houses in respect of which Closing Orders were made	2
(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit	1
(4) Number of dwelling-houses in respect of which Demolition Orders were made	..
(5) Number of dwelling-houses demolished in pursuance of Demolition Orders	..

CANAL BOATS ACTS.

The number of visits to the Canal during the year was 58, and the number of inspections was 317. On the whole the boats were in fairly good condition.

The total number of infringements complained of was 41, relating to 25 inspections of boats. The nature of the infringements was :—

Absence of certificate	11
Certificate not identifying owner	5
Want of marking, lettering, or numbering	8
Want of painting	9
Want of repairs	7
Dirty Cabin	1
Total infringements	41

It was not found necessary to institute legal proceedings in regard to any infringements, but a number of verbal notices were given to masters or owners, who promised compliance, and fourteen letters were sent.

There has been no case of infectious disease on board any of the boats during the year.

There has been no boat detained for cleansing or disinfection during the year.

The number of boats on the Sheffield register on December 31st, 1924, was 74, of which number 66 have not been seen since 1916. 52 of the number have not been seen since 1911. No boats were registered during the year.

The total persons enumerated on board during the time of inspection was as follows :—

Males over 14 years of age	378
Females over 14 years of age	251
Children between 5 and 14 years of age	61
Children under 5 years of age	69
Total	759

The total of 759 divided by the number of canal boats inspected (317) gives the average number of occupants in each boat as 2·4.

The actual number of persons visiting Sheffield on canal boats during the year was as follows :—

Males over 14 years of age	170
Females over 14 years of age	111
Children between 5 and 14 years of age	31
Children under 5 years of age	38
Total..	350

BLACK SMOKE NUISANCE.

Proceedings were taken in 25 cases, as follows :—1 silversmith, 1 colliery owner, 5 wagon drivers, 1 grinding wheel proprietor, 3 brick manufacturers, 7 steel manufacturers, 3 brewery proprietors, 1 hotel proprietor, 1 silver roller, 1 boiler maker, and 1 board of guardians.

The results of the proceedings were as follows:—in 8 cases, penalties, including costs : 1 at £20, 1 at £10, 1 at £5, 1 at £4, 2 at £1 and 2 at 10/– ; in 13 cases orders and costs : 3 cases were dismissed and 1 case was withdrawn.

TABLE XXVIII.—*Details of Work done by Smoke Inspectors during year* 1924.

Number of observations of chimneys of each one hour	1,069
Average number of minutes of black smoke per hour	4
Number of complaints received	51
,, new boilers put down	5
,, chimneys erected	2
,, chimneys raised	13
,, appliances and improvements introduced	26
,, notices served	36
,, firms visited to advise	160
,, proceedings during the year	25
Total penalties imposed (8 Cases)	£42/0/0
Average of penalties imposed	£5/5/0
Total costs charged (13 Cases)	£5/10/6
Average of costs charged	8/6

CONVERSION OF PRIVIES INTO WATER-CLOSETS.

During the year, 1,365 privies were converted and 111 additional water-closets were provided, the corresponding figures for 1923 being 914 and 73 respectively. Full particulars with regard to the work will be found in Table XXIX.

The work done under the supervision of this sub-department represents an expenditure during the year 1924 of about £46,000, of which the Corporation's share amounted to £14,300.

The number of sanitary conveniences at 31st December, 1924, was approximately as follows :—

(*a*) Privies with fixed receptacles	7,729
(*b*) Privies with movable receptacles (known as pail closets)	303
(*c*) Fresh water-closets (at March, 1925)	80,669
(*d*) Waste water-closets	1,200

TABLE XXIX.—*Conversion of Privies into Water Closets.*

Year.	Number of Notices served to Convert.	Number of Notices to provide Additional Accommodation.	Number of Premises where Work has been Completed.	Number of Houses involved.	Number of Workshops involved.	Number of Privies converted by Owners and by the Cerporation.	Number of Additional Water Closets erected by Owners and by the Corporation.	Cost of Conversions executed by the Corporation.	Cost of Additional Closets erected by the Corporation.	Contributions to Owners in lieu of One-third Cost of Conversions.	Nett Expenditure by Corporation, being One-third Cost or in lieu of One-third Cost of Conversions.
								£	£	£	£
1890-1911	8,350	2,712	6,685	42,029	1,097	20,739	4,297	144,923	23,258	29,015	77,527
1912	453	58	482	2,321	25	1,349	117	12,414	997	2,228	6,364
1913	360	47	531	2,586	16	1,589	131	14,012	771	2,092	6,869
1914	676	74	628	2,940	36	1,822	127	20,799	803	3,295	10,173
1915	116	8	572	2,528	19	1,538	78	8,020	151	1,963	4,640
1916	..	..	52	301	1	182	11	169	..	270	321
1917	2	1	21	70	..	46	..	57	..	164	183
1918	6	1	8	43	..	23	1	148	..	44	93
1919	272	109	79	182	2	175	18	10,944	1,183	1,082	4,735
1920	394	220	259	1,070	4	731	136	31,448	3,472	3,457	13,956
1921	191	82	260	1,155	13	802	87	16,904	1,393	4,107	9,742
1922	246	152	263	1,215	21	775	101	18,627	1,008	3,241	9,488
1923	435	186	352	1,312	25	914	73	20,641	1,025	3,269	10,117
1924	913	384	519	1,957	32	1,365	111	34,941	1,875	6,026	17,615

	£
Nett Expenditure to 31st March, 1925, out of borrowed money	157,620
Amount raised in the Rate since the beginning of the Conversion Scheme	14,203
Total	171,823
Unexpended borrowing power at 31st March, 1925	92,780

N.B.—The figures given in the last four columns of the table have been furnished by the City Treasurer. They refer to the financial year ending 31st March,—three months later than the year to which the other figures refer.

FACTORIES AND WORKSHOPS.

The number of workshops struck off the registers during the year was 97. The list is as follows :—Dressmakers, 5 ; Tailors, 3 ; Metal Workers, 57 (including Forgers, Engravers and Chasers) ; Wood Workers, 21 ; Bakehouses, 11. The whole of the last-named were the small "domestic" type of bakehouse.

The following table shows the number of workshops on the registers at the end of the year :—

Bakehouses and Confectioners, including Factory Bakehouses ..	455
Tailors, Dressmakers, and Milliners	255
Metal Workers	561
Wood Workers	261
Hand Laundries	13
Restaurant Kitchens	63
Miscellaneous Workshops	332
Total Workshops on Registers	1,940

56 additional water-closets in factories, and 10 water-closets in workshops were provided during the year, and in 24 factories the drains were reconstructed.

55 visits were paid to premises, chiefly factories, where notified consumptives were employed.

The usual table with regard to inspections and defects found is given below :—

TABLE XXX.—*Factories, Workshops, Laundries, Workplaces, and Homework.*

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (including Factory Laundries) ..	985	67	..
Workshops (including Workshop Laundries) ..	1,500	48	..
Workplaces	67	1	..
Homeworkers' Premises	63	0	..
TOTAL	2,615	116	..

Particulars.	Number of Defects			Number of Prosecutions
	Found.	Remedied.	Referred to H.M. Inspector.	
*Nuisances under the Public Health Acts :—**				
Want of cleanliness	62	51	..	..
Want of ventilation	..	..	..	..
Overcrowding	1	1	..	..
Want of drainage of floors	1	1	..	..
Other nuisances	20	18	..	..
Sanitary accommodation — insufficient	10	7	..	..
unsuitable or defective ..	9	6	..	..
not separate for sexes ..	3	2	..	..
Offences under the Factory and Workshop Acts :—				
Illegal occupation of underground bakehouse (S. 101)	..	..	..	..
Breach of special sanitary requirements for bakehouses (SS. 97 to 100)	2	2	..	..
Other offences	10	8	..	..
TOTAL	118	96	..	..

Class.		Number.
Matters notified to H.M. Inspector of Factories :—		
Failure to affix Abstract of the Factory and Workshop Act (S. 133)		4
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory Act (S. 5)	Notified by H.M. Inspector ..	77
	Reports (of action taken) sent to H.M. Inspector	77
Other		1

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* Including those specified in Sections 2, 3, 7, and 8 of the Factory Act as remediable under the Public Health Acts.

PREVENTION AND TREATMENT OF TUBERCULOSIS.

(Report by John Rennie, M.D., D.P.H., Tuberculosis Medical Officer).

The number of primary notifications of Tuberculosis of the Lung received during 1924 was 1,464, and of Other Forms of Tuberculosis 341.

Table XXXI shows the number of new cases notified, deaths, and non-notified deaths at various age periods.

TABLE XXXI.

Age-periods	TUBERCULOSIS.											
	Notifications (New Cases).				Deaths.				Non-notified Deaths.			
	Pulmonary.		Non-Pulmonary		Pulmonary.		Non-Pulmonary		Pulmonary.		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.
—1	1	3	6	6	—	2	3	2	..	1	..	1
—5	40	25	76	50	2	1	24	12	..	..	6	3
—10	176	186	44	34	1	2	6	8	..	..	3	1
—15	71	109	28	24	3	6	2	8	1	1	..	5
—20	67	62	11	5	14	15	7	2	..	..	2	1
—25	53*	80	7†	6	19	22	2	1	..	2	..	..
—35	114	113	6	15	48	40	6	6	..	1	2	4
—45	100	47	2	4	61	32	2	2	1	1	..	..
—55	100	23	4	4	66	13	5	3	5	..	2	1
—65	46	24	3	4	56	10	3	2	2	1	1	..
65+	16	8	1	1	16	2	..	..	..	..	..	..
Totals ..	784*	680	188†	153	286	145	60	46	9	7	16	16

* Including 3 Military cases. † Including 1 Military case.

In 340 of the 1,464 cases of Tuberculosis of the Lung, tubercle bacilli have been found in the sputum. Of these 340 cases, 114 died before the end of the year.

This fact shows very clearly that a large percentage of cases which are diagnosed by the finding of tubercle bacilli in the sputum are already in an advanced stage of the disease and not likely to materially benefit by any form of known treatment. Therefore every effort should be made to make a positive diagnosis before the disease has reached the stage in which tubercle bacilli can be found in the sputum.

I am of opinion that the diagnosis in Sheffield is now much earlier than in former years.

The total number of notified cases on the register on December 31st, 1924, was 3,747. Of these, 825 (including nine children under 15 years of age) were infectious cases, *i.e.*, cases in which tubercle bacilli have been found in the sputum at some period of the illness.

86·9 per cent. of the cases notified during the year were examined by the Dispensary Staff. Of the remaining 192 cases, 105 were receiving treatment in Institutions other than Corporation Institutions at the time of notification.

The primary investigation of all notified cases is carried out by the Male Inspectors.

The Women Inspectors re-visit the homes of the notified cases of Tuberculosis of the Lung, and make reports to the Tuberculosis Medical Officer.

The total number of such visits paid during the year was 11,157. The Tuberculosis Medical Officer receives periodical reports on the visits made by the Women Inspectors, and reviews the whole of the cases on their visiting lists.

The number of deaths from Tuberculosis of the Lung of Sheffield residents occurring in the City during the year was 403, which is equal to 27·39 per cent. of the notifications received. To this number must be added 28 deaths of Sheffield residents occurring outside the City.

The Death-rate for Tuberculosis of the Lung is 0·82 per 1,000 of the population, and for Other Forms of Tuberculosis is 0·20, giving a total Death-rate for the City for All Forms of Tuberculosis of 1·02.

This is a very satisfactory figure for a great industrial City like Sheffield.

TABLE XXXII.—*Deaths from Tuberculosis of the Lung occurring during* 1924, *divided into sex and age groups, showing whether sputum examined and result.*

AGE PERIODS	Sputum examined. Tubercle Bacilli found.		Sputum examined. Tubercle Bacilli not found.		Sputum not examined.		TOTALS.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Under 1 year ..	..	..	..	..	..	2	..	2
1 and under 5 years	..	..	..	..	2	1	2	1
5 ,, 15 ,, ..	..	2	1	1	3	5	4	8
15 ,, 25 ,, ..	29	20	..	6	4	9	33	35
25 ,, 45 ,, ..	79	51	3	2	15	12	97	65
45 ,, 65 ,, ..	89	13	11	..	18	8	118	21
65 years and upwards	9	..	..	..	6	2	15	2
TOTALS	206	86	15	9	48	39	269	134

Table XXXII shows that the diagnosis was confirmed by tubercle bacilli being demonstrated in the sputum in 72.45 per cent. of the cases.

In 1914 in 34·56 per cent. of the deaths the sputum had not been examined.

In 1924 in only 21·59 per cent. of the deaths had the sputum not been examined.

It is very desirable for statistical purposes that the sputum of every case, even though advanced, should be examined.

The following Table XXXIII shows the length of time between notification and death of the 403 deaths occurring in the City.

TABLE XXXIII.—*Deaths from Tuberculosis of the Lung among Sheffield residents occurring in the City during* 1924, *divided into age periods, showing length of time between notification and death.*

Age Periods.	Died prior to notification.	Period between Notification and Death.												Total Deaths.
		Under 1 month	1 month & under 2 months	2 months & under 3 months	3 months & under 4 months	4 months & under 6 months	6 months & under 1 year	Total under 1 year	1 year & under 2 years	2 years & under 3 years	3 years & under 4 years	4 years & under 6 years	6 years and over	
Under 1 year	2	. .	. .	. .	. .	. .	. .	2	. .	. .	. .	. .	. .	2
1 and under 5 years . .	. .	1	. .	1	. .	. .	. .	2	. .	1	. .	. .	. .	3
5 ,, 15 ,, . .	2	4	. .	1	. .	. .	1	8	3	. .	. .	1	. .	12
15 ,, 25 ,, . .	2	5	6	3	2	5	10	33	13	8	4	7	3	68
25 ,, 45 ,, . .	3	34	6	9	5	9	21	87	31	12	5	10	18	163
45 ,, 65 ,, . .	8	27	12	3	6	9	13	78	20	14	11	7	9	139
65 years and upwards . .	. .	6	2	2	. .	. .	. .	10	1	1	3	1	. .	16
TOTALS	17	77	26	19	13	23	45	220	68	36	23	26	30	403
PERCENTAGES. . . .	4·22	19·11	6·45	4·71	3·23	5·71	11·17	54·59	16·87	8·93	5·71	6·45	7·44	

It is seen that 23·33 per cent. died before or within one month of notification, and 54·59 per cent. of the total deaths occurred within one year. The percentage dying prior to, or within one month of, notification, is still rather large, but is the best figure which has been recorded, and shows a marked improvement on former years. It must be recognised, as regards tuberculosis, that in a certain proportion of the cases the disease runs a rapid course.

Of the 30 cases, or 7·45 per cent., who had been notified for six years or over, eight lived six years, seven lived seven years, seven lived eight years, three lived nine years, two lived eleven years, one lived thirteen years, one lived nineteen years, and one lived twenty years. In 23 of the 30 cases who lived six years and over after notification, tubercle bacilli had been found in the sputum at least five years previously, viz. :—In one case, five years previously ; in five cases, six years previously ; in six cases, seven years previously ; in five cases, eight years previously ; in two cases, nine years previously ; in one case, ten years previously ; in one case, eleven years previously ; in one case, twelve years previously ; in one case, twenty years previously.

The Dispensary is open on week-days from 9 a.m. to 5 p.m., except on Saturdays, when it is open from 9 a.m. to 12.30 p.m., and patients are seen on Mondays, Wednesdays, and Thursdays in the morning and afternoon, on Tuesdays and Fridays in the afternoon, and on Saturday mornings. There are also two evening sessions (Tuesday and Friday), from 6 to 8 p.m., for the convenience of patients who are working.

During the year I was assisted by Dr. N. Keating, Dr. J. R. Liddell, Dr. J. Hay Campbell, and Dr. J. M. Tyrrell.

Patients who attend the Dispensary may be divided into (*a*) Cases seen for the first time, and (*b*) Old Cases.

NEW CASES.

Table XXXIV gives particulars of the cases at the time of their first visit to the Dispensary and the result of the primary examination arranged under three headings, viz. :—(*a*) Cases notified prior to their first attendance at the Dispensary, (*b*) "Suspects," (*c*) "Contacts."

TABLE XXXIV.—*Giving particulars of new cases examined during year and result of the primary examination.*

SEX AND AGE PERIODS.	(*a*) Notified Cases.	(*b*)—"Suspects."			(*c*)—"Contacts."		
	Number examined	Number examined	Put on Observation	Found not Tuberculous	Number examined	Put on Observation	Found not Tuberculous
ADULTS (15 years and upwards)—							
Males	77	679	654	25	79	29	50
Females	52	588	570	18	158	86	72
TOTAL ADULTS	129	1,267	1,224	43	237	115	122
SCHOOL CHILDREN (5 years and under 15)—							
Males	24	464	451	13	117	46	71
Females	14	464	453	11	132	59	73
TOTAL SCHOOL CHILDREN.	38	928	904	24	249	105	144
INFANTS (under 5 years)—							
Males	18	89	70	19	28	11	17
Females	15	59	46	13	36	11	25
TOTAL INFANTS	33	148	116	32	64	22	42
TOTAL ADULTS, SCHOOL CHILDREN AND INFANTS ..	200	2,343	2,244	99	550	242	308

Particulars of the source of the 2,343 " Suspects " were as follows :—

Private Doctor.	School Medical Department.	Pensions Board.	Voluntary Hospitals.	Women Inspectors.	Maternity and Child Welfare Centre.	Total.
1654	335	8	320	5	21	2343

The large figure of 2,343 " Suspects " shows that the medical profession in Sheffield is making full use of the Dispensary as a centre for diagnosis. It is from this source that our early and curable cases are procured, and it is gratifying to find that the medical profession in Sheffield recognise the importance of early diagnosis. The ultimate diagnosis of this large number of " suspect " cases entails a great deal of work, both at the Dispensary and in the observation beds of the Institutions. During the year 98 patients were examined at home in consultation with private medical practitioners.

The total attendances at the Dispensary made by " Suspects " during 1924 was 19,351, while there remained under observation on December 31st, 1,450 " Suspects."

550 selected " Contacts," mostly from the homes of known infectious cases, were examined. Of these it was found desirable to retain 44 per cent. for further observation and treatment.

OLD CASES—NOTIFIED.

The total number of notified cases who attended the Dispensary for treatment and supervision during the year was 4,257, and on December 31st, 1924, there remained on treatment and supervision 3,171. The total number of attendances of notified cases made during the year was 34,463. Every effort is made by the Dispensary Staff to keep in touch with the notified cases.

PATIENTS OF SCHOOL AGE.

As in former years, the work of the Tuberculosis Dispensary amongst tuberculous children has been carried on in close co-operation with the School Medical Department. The extra sanatorium beds provided have added much to the value of the preventive work amongst school children.

During the year 1924, 15,324 attendances (exclusive of new cases) were made by school children, 8,485 by notified cases, and 6,839 by observation cases.

Twenty places at the Whiteley Wood Open Air School, and eighteen places at the Springvale House Open Air School, were reserved for children selected by the Tuberculosis Medical Officer.

Tubercle bacilli were found in the sputum of three children, whose names were, therefore, taken off the school registers. This is the smallest number yet recorded.

It will be observed from these figures that a large amount of work is being done among the school children of Sheffield, and I have little doubt that the value of this work will be reflected in the future health of the children.

EXAMINATION OF SPUTA.

During the year, 3,562 specimens of sputa were examined—2,844 at the Dispensary and 718 at Crimicar Lane Sanatorium. Of these 3,562 specimens, 642 were found to contain typical tubercle bacilli.

X-RAY APPARATUS.

The work in the X-Ray Department has increased during the year, and 1,332 cases were examined.

The skiagrams give most valuable assistance in the diagnosis of cases.

LIGHT TREATMENT.

In October, 1924, two carbon arc lamps, for ultra-violet ray treatment, were installed at the Dispensary. There were 304 attendances for treatment. It is too soon, however, to give any definite opinion with regard to the value of this form of treatment in Tuberculosis.

SURGICAL OUT-PATIENT DEPARTMENT.

On September 17th, 1924, the Surgical Out-Patient Department was transferred to the Tuberculosis Dispensary.

This arrangement has proved to work very satisfactorily.

INSTITUTIONAL TREATMENT.

The following table shows the number of admissions, discharges, and deaths at the various Institutions :—

TABLE XXXV.

	Admissions.	Discharges.	Deaths	Number remaining at Dec. 31st, 1924.
Commonside Sanatorium—				
Adult Females	220	223	8	41
Girls	13			
Crimicar Lane Sanatorium—				
Adult Males	515	489	61	101
Boys of School Age	38			
Winter Street Hospital—				
Adult Males	159	538	48	102
,, Females	288			
Boys of School Age	58			
Girls ,, ...	66			
Infants	20			
Eastby Sanatorium—				
Boys of School Age	16	8	..	8
Firvale Sanatorium—				
Boys of School Age	269	262	..	37
Girls ,, ...	337	326	..	40
Blossom Ward—				
Girls of School Age	22	9	..	13
	2,021	1,855	117	342

REPORTS, ETC., TO MINISTRY OF PENSIONS, AND TO THE REGIONAL MEDICAL OFFICER OF THE MINISTRY OF HEALTH.

During the year, 618 certificates and reports with regard to ex-service men were furnished to the Ministry of Pensions ; and 78 reports on the condition of patients were made at the request of the Regional Medical Officer of the Ministry of Health.

AFTER CARE.

The organisation with regard to after-care is carried on through the Dispensary. Unsatisfactory cases are reported to the Tuberculosis Sub-Committee, who consider the cases and instruct the Tuberculosis Medical Officer to deal with them. Shelters are lent to infectious cases, but it is found in Sheffield that the home surroundings are such that in very few cases is it possible to find adequate accommodation for a shelter. This form of isolation in Sheffield is of very little practical value. Only two shelters were lent during the year. Beds and mattresses are lent to infectious cases who are unable to provide for themselves a separate bed, and during the year 73 beds and mattresses were lent.

The Tuberculosis Sub-Committee work in close co-operation with the two Boards of Guardians, and certain patients are granted extra relief by the Guardians on the representation of the Tuberculosis Medical Officer.

WORKMEN'S COMPENSATION (SILICOSIS) ACT, 1918.

The Tuberculosis Medical Officer is a member of the Medical Advisory Committee (by Home Office appointment) under the above Act, and one of the Assistant Tuberculosis Medical Officers (Dr. J. R. Liddell) during the year acted as Certifying Medical Officer.

During the year the whole of the men employed in the Refractories Industries in the City were examined. In all, 182 men were examined by the Certifying Medical Officer, and an X-ray examination was made of 18 men.

During the year there were 17 meetings of the Advisory Committee, who considered 36 cases.

WORK OF THE MALE TUBERCULOSIS INSPECTORS.

1. *Tuberculosis of the Lung—New Cases.*		
Cases investigated—particulars obtained	1,428	
,, no particulars available (Principally cases in Institutions who are usually resident in Common Lodging Houses).	14	
Special cases—not visited	4	
Cases not visited (Hospital in-patients)	12	
Cases investigated (not notified prior to death)	16	
Cases not visited (transferable deaths from other districts)	17	
		1,491
2. *Other Forms of Tuberculosis—New Cases.*		
Cases investigated—particulars obtained	314	
,, not notified prior to death	32	
Cases not visited (transferable deaths from other districts)	3	
		349
Total New Cases—All Forms of Tuberculosis		1,840
Periodic Re-visits to Positive Cases		254
Additional visits—		
(*a*) For further investigation	1,003	
(*b*) Re-admission to Hospital	19	
(*c*) For disinfection after removals	133	
(*d*) For disinfection after admission to Hospital	1,047	
(*e*) For disinfection after Death	227	
		2,429
Total		2,683
Number of rooms sprayed This figure includes 1,222 houses where every room was disinfected after death or removal of the patient.		7,787
Number of reports to District Inspectors *re* defects in houses		89
Number of reports to Workshop Inspector *re* cases employed in Workshops		64
Cases left City and lost through removal—		
(*a*) Number of cases left the City	102	
(*b*) Number of cases lost sight of—new address not known	6	
Total		108

VISITATION OF CASES BY THE WOMEN INSPECTORS.

Number of visits to notified cases	9,824
Number of visits to notified cases (ex-service men)	1,333
Total visits to cases	11,157

SURGICAL TUBERCULOSIS OUT-PATIENT DEPARTMENT.

Total attendances in 1924	2,413
Total attendances from 1st January, 1920 to 31st December, 1924	11,083
Number of consultations during 1924	101
Average attendance at each consultation	24
Number of new patients seen during 1924— Treated, 121 ; not treated, 45 Total	166
Patients referred to King Edward VII Hospital	105
Cash received from patients during 1924 in payment for Surgical Appliances, Dressings, etc.	£8 13 11

During 1924, patients were sent to the following Hospitals :—Royal Hospital, Royal Infirmary, Children's Hospital, Edgar Allen Institute, Loxley House, Fir Vale Hospital, School Medical Department, Tuberculosis Dispensary.

Treatment given at the Out-Patient Department during the year included a supply of :—Crutches ; Splints ; Pylons ; Dressings ; Pattens ; Bandages ; Application of Plasters ; Fitting of Thick Soles to Boots ; Repairs, alterations, and exchange of Splints, Crutches, etc. ; Aspirations ; Daily Dressings.

MATERNITY AND CHILD WELFARE.

Women Inspectors' Work.

TABLE XXXVI.

Visits to houses-let-in-lodgings	759
Visits with regard to Births	46,200
Visits with regard to School complaints	49
Visits with regard to Tuberculosis—	
Dispensary Cases	11,040
Surgical Clinic Cases	238
Discharged Soldiers	117
Visits to Midwives	193
Visits with regard to Puerperal Fever	129
Visits with regard to Ophthalmia Neonatorum	612
Visits to Expectant Mothers	110
Visits for other reasons	2,355
Cases reported to the N.S.P.C.C.	28
Cases reported to the Council of Social Service	..
Cases reported to the S.Q.V.D.N.A.	2
Nuisance notices served	41
Prosecutions under the Public Health Act, 1875	..

Midwives Acts, 1902 and 1918.

At the end of the year 1924 there were 70 midwives in practice on their own account in Sheffield. Of this number, 53 were hospital trained midwives and 17 were untrained midwives who were in *bona-fide* practice as such at the time of the passing of the Act.

There were 183 visits of inspection paid to midwives at their own homes during the year, and 95 midwives were specially interviewed for various reasons connected with their work at the office of the Chief Inspector of Midwives. According to the rules of the Central Midwives Board, notifications have been received from midwives under certain circumstances.

There were 95 notifications of still births received from midwives, 52 having reference to full time births and 43 to premature births. In each case a burial certificate was issued by the Department after enquiry had been made.

There were 741 notifications received stating that the midwife had been obliged to send for medical help. The reasons for sending for medical help, as far as could be ascertained, were as follows :—

(1) Abnormal presentations :—Funis, 8 ; Transverse, 7 ; Face, 8 ; Breech, 15 ; Arm, hand or shoulder, 8 ; Right Occipito Posterior, 32. Total, 78.

(2) Causes affecting the Child :—Convulsions, 11 ; Debility, 3 ; Asphyxia, 7 ; Prematurity, 75 ; Spina Bifida, 3 ; Ophthalmia, 38 ; Jaundice, 7 ; Cleft Palate and Hare Lip, 1 ; Miscellaneous, 52. Total, 197.

(3) Causes affecting the Mother :—Prolapse of Uterine Wall, 4 ; Placenta Prævia, 6 ; Ante-partum Hæmorrhage, 21 ; Post-partum Hæmorrhage, 21 ; Uterine Inertia, 77 ; Contracted Pelvis, 24 ; Undilated Os., 4 ; Adherent Placenta, 15 ; Laceration of Perineum, 178 ; Eclampsia, 5 ; Miscarriage, 5 ; Rise of Temperature, 45 ; Miscellaneous, 61. Total, 466.

In 11 cases the midwife sent in a notification that the mother intended to substitute artificial feeding for breast feeding.

In two instances the death of a child was reported in the practice of a midwife.

Puerperal Fever.

Cases of Puerperal Fever notified during 1924		85
Cases of Puerperal Fever which ended fatally		23
Visits paid to Puerperal Fever cases		108
Cases attended by a Medical Practitioner at confinement (8 of these cases were fatal)		23
Cases attended by Midwives at confinement (4 of these cases were fatal)..		27
Cases attended by a Medical Practitioner and Midwife (1 of these cases was fatal)		3
Jessop Hospital cases—Indoor	17	
Outdoor	5	
(4 of these cases were fatal).	—	22
Sheffield Union Hospital cases		—
Ecclesall Union Hospital cases		1
Unattended Abortions (6 of these cases were fatal)..		10

The following relates to the nursing of the 85 Puerperal Fever cases :—

Cases nursed entirely at home	13
Cases nursed entirely in Hospital	18
Cases removed to Jessop Hospital after onset of disease	22
Do. Sheffield Union Hospital do.	18
Do. Ecclesall do. do.	13
Do. Royal Infirmary do.	1
Total	85

The 27 cases delivered by midwives were distributed as follows :—

11 midwives had one puerperal fever case each.
3 do. two do.
2 do. five do.

The 23 cases delivered by medical practitioners were distributed as follows :—

17 medical practitioners had one puerperal fever case each.
3 do. two do.

Ophthalmia Neonatorum.

Cases—Attended by Medical Practitioners	31
Attended by Midwives	169
Attended by Medical Practitioners and Midwives	4
Jessop Hospital	13
Firvale Hospital	3
Ecclesall Hospital	1
Out of Town (born in Sheffield)	—
Carried forward to 1925	10
Total	231

21 of the above cases were brought forward from 1923.

Results :—

Cases.	Eyes re-covered.	Died from other causes during attack.	Died from Maras-mus and Oph. Neon.	Eyes per-manently damaged.	Not visited (out of Town case).	Not typical of Oph-thalmia.	Total.
Medical Practitioners' cases ..	30	..	..	..	..	1	31
Midwives' cases	166	1	..	2	..	..	169
Cases attended by Medical Practitioners and Midwives ..	4	..	..	..	..	..	4
Jessop Hospital cases	12	..	..	..	1	..	13
Ecclesall Hospital cases ..	..	..	1	..	..	..	1
Firvale Hospital cases	3	..	..	..	..	..	3
Out of Town cases	..	..	..	..	..	..	..
Totals	215	1	1	2	1	1	221

Maternity Clinic.

Total attendances in 1924	590
Total attendances from commencement	1,974
Number of sessions during 1924	51
Average attendance at each session	12
Total new cases in 1924	314

Cases sent by Centre Staff :—Doctors, 6 ; Inspectors, 75 ; Certified Midwives, 90 ; Private Medical Practitioners, 5 ; Advised by friends, 124 ; Attended previously, 13 ; Ecclesall Union, 1. Total, 314.

New cases in 1920, 127 ; 1921, 216 ; 1922, 231 ; 1923, 256 ; 1924, 314.

199	patients paid	1 visit	199
74	do.	2 visits	148
19	do.	3 do.	57
9	do.	4 do.	36
2	do.	5 do.	10
4	do.	6 do.	24
2	do.	7 do.	14
1	do.	8 do.	8
1	do.	9 do.	9
1	do.	10 do.	10
1	do.	13 do.	13
1	do.	14 do.	14
314			542
Attendances by previous year's patients			48
		Total	590

Baby Consultations.

Norfolk Street Centre.

Total attendances in 1924	45,529
Average weekly attendance during 1924	893
Total attendances from commencement of scheme, August, 1907 to 31st December, 1924	455,840
Number of sessions during the year (excluding Saturday mornings)	1,450
Average attendances per session (per doctor), excluding Saturday mornings	31
Number of sessions taken by doctors	919
Do. do. inspectors	531
Total new babies dealt with in 1924	3,809
New babies over 1 year	574
Do. under 1 year	3,235

Attendances each month :—

	New cases.	Total Attendances.
January	351	3,905
February	294	3,530
March	350	3,795
April	305	3,508
May	349	3,916
June	296	3,526
July	353	4,209
August	299	3,692
September	348	4,226
October	325	4,340
November	291	3,669
December	248	3,213
Totals	3,809	45,529

Woodhouse Branch.

Total attendances in 1924	1,374
Number of sessions in 1924	51
Average attendances per session	27
Total new babies during the year	113

Handsworth Branch.

Total attendances in 1924	431
Number of sessions in 1924	26
Average attendances per session	17
Total new babies during the year	49

Cases referred to other Institutions :—Royal Hospital, 85 ; Royal Infirmary, 78 ; Children's Hospital, 167 ; School Clinic, 36 ; Edgar Allen Institute, 45 ; T.B. Dispensary, 10. Total, 421.

SHEFFIELD QUEEN VICTORIA DISTRICT NURSES.

Summary of Work done on behalf of Health Committee during 1924.

		Cases dealt with.	Number of Visits.
Pneumonia		2512	6611
Tuberculosis—			
Pulmonary	141		
Surgical	72	213	1944
Diarrhœa—			
Under 5 years	21		
Over 5 years	10	31	85
Erysipelas		3	66
Ophthalmia Neonatorum		13	509
Enteritis		10	428
Whooping Cough—			
Under 5 years	44		
Over 5 years	16		
Adults	2	62	231
Measles—			
Under 5 years	111		
Over 5 years	18		
Adults	4	133	501
Typhoid Fever		6	244
Cerebro-spinal Meningitis		6	81
Encephalitis Lethargica		25	496
Totals		3014	11196

REPORT OF THE MEDICAL OFFICER OF THE MATERNITY CLINIC

FOR THE YEAR 1924.

Ante-Natal Clinic.

The Ante-natal Clinic held on Saturday mornings continued to grow throughout 1924, the total number of attendances being 590, or 12 per week ; compared with 488 in 1923, or 10 per week.

The number of new cases has increased considerably during the past 5 years—in 1920 there were 127 new cases ; in 1921, 216 ; in 1922, 231 ; in 1923, 256 ; and in 1924, 314.

A considerable time is required to see each patient, as it is usually her only attendance, consequently all the morning is now occupied. If the Clinic continues to grow, the question of having to set aside another session for this branch of the work will have to be considered.

As in past years, Inspectors have visited the Clinic patients after confinement, and the following is a summary of their reports on the 315 cases dealt with :—Babies born alive 233, Stillbirths 9, Miscarriages 10, Mothers in whom no pregnancy could be diagnosed were found on enquiry to be "not pregnant" 52, Cases removed and could not be traced 11.

Stillbirths and the Effect of Treatment on Cases of Previous Stillbirth.

With regard to the nine cases of stillbirth, six were due to accidental circumstances which ante-natal care could not prevent ; one of the other mothers commenced special treatment too late for it to be effective ; one refused special treatment ; and the remaining one had a history of nine previous stillbirths, and although she attended the Clinic throughout pregnancy and was given special treatment, this did not prevent the baby being stillborn.

In eight of the ten cases of miscarriage the patients had been sent home to undergo treatment by their own doctors, as miscarriage threatened when they attended the Clinic. A great many miscarriages were prevented in this way during the year, but these, unfortunately, were not. One of the other two cases had discontinued her special treatment.

Twelve cases with a history of previous miscarriage or stillbirth were successfully treated during the year, confirming the value of the new treatment inaugurated in 1922.

In almost every case of vomiting during pregnancy in 1924, a cure was effected by special treatment.

Special endocrin therapy was suggested in three cases in which the patient had no baby and desired one. A baby has since been born to one of them.

Notification of Non-breast Feeding.

Eleven cases were notified during 1924, compared with ten in 1923. A great number of mothers who begin to breast-feed their babies fail to continue doing so. The special ante-natal treatment mentioned in last year's report did not prevent an ultimate failure. The mothers so treated began to breast-feed—which was interesting in so far as none of them had previously done so—but could not continue to do so after the first week or two.

The Medical Officer has found in general practice that other treatment commenced on the fourth or fifth day after the baby has been born, and continued for ten days or so, has enabled her patients to breast-feed for several months. It has only been given when the mother had no milk, but has been successful in every case. It is hoped, therefore, that with the co-operation of Mrs. Franks and the Inspectors, this treatment may be available for the patients who have attended the Maternity Clinic.

ALICE WHITE, M.B., M.R.C.S., L.R.C.P.,
Maternity Clinic Medical Officer.

PREVENTION AND TREATMENT OF VENEREAL DISEASES.

The Clinics at the Royal Infirmary, Royal Hospital, Jessop Hospital for Women, and Children's Hospital, which were inaugurated in 1917 in accordance with the scheme which was approved by the Local Government Board, continued in full operation during the year 1924.

It will be noted from table XXXVII, which follows, that there has been a considerable decline in the cost of treatment of these diseases as compared with past years, both as regards individual cases and as a whole. This is largely due to the smaller proportion of cases dealt with as in-patients.

It is satisfactory to note that while the actual number of cases dealt with shows a reduction from 4,876 in 1920 to 3,034 in 1924, the average number of attendances of those under treatment has increased from 11·7 to 27·1. It cannot be too clearly understood that the expenditure on the treatment of Venereal Diseases is wasted unless patients remain under treatment until a permanent cure can be guaranteed. This is the main argument in favour of notification and compulsory treatment of these diseases. At the same time one can see no reason why persons who can afford to do so should not pay the whole or some part of the cost of their treatment.

Table XXXVIII gives particulars of pathological examinations made in the Bacteriological Laboratory of the University, of specimens sent for diagnostic purposes by medical practitioners residing in the City.

Table XXXIX gives particulars of all the Clinics in connection with the Sheffield scheme, together with a statement of the average number of patients attending during each quarter of the year.

Table XL gives a summary of the returns from the several hospitals with regard to persons dealt with, distinguishing between Sheffield residents and residents of other districts who have come in for treatment. It should be pointed out that, while the latter receive treatment at the expense of the Department, the Department is recouped in the grant from the Ministry of Health, which in the case of the Venereal Disease account is fixed at 75 per cent., whereas in the case of other grant-aided schemes the percentage is 50.

TABLE XXXVII.—*Venereal Diseases.—Cases Treated and Cost of Treatment since* 1918.

	1918.	1919.	1920	1921.	1922.	1923.	1924.
Total Persons dealt with for the first time ..	1,806	2,798	2,418	1,967	1,399	1,430	1,403
Total Persons dealt with	2,245	4,029	4,876	4,464	3,896	3,747	3,034
Total Attendances at the Out-patient Clinics ..	12,846	28,315	28,370	30,366	27,529	38,013	38,057
Average number of Attendances per Case ..	7·1	10·1	11·7	15·4	19·7	26·6	27·1
Total "In-patient days" of Treatment.. ..	4,345	3,197	2,893	2,044	2,157	2,859	1,779
Total Cost of Treatment during financial year ending March following year stated ..	£5,898	£7,919	£9,463	£8,140	£6,720	£6,853	£6,246
Average Cost per Person dealt with for the first time	£3/5/4	£2/16/7	£3/18/3	£4/2/9	£4/16/1	£4/15/10	£4/9/0

TABLE XXXVIII.—*Venereal Diseases.—Pathological Examinations made in the Bacteriological Laboratory of the Sheffield University during each year since* 1918.

Nature of Test.	Number of Tests.						
	1918.	1919.	1920.	1921.	1922.	1923	1924.
For detection of Spirochetes—							
For Treatment Centres ..	6	5	1	..	2	3	2
For Practitioners	6	7	3	3	6	2	4
For detection of Gonococci—							
For Treatment Centres ..	1,785	5,119	5,728	5,332	4,079	3,550	3,278
For Practitioners	25	71	92	201	340	561	598
For Wassermann reaction—							
For Treatment Centres ..	1,291	2,929	3,492	2,227	1,505	1,528	1,349
For Practitioners	104	159	151	1,197	1,160	1,459	2,013
OTHER EXAMINATIONS.							
Gonococcal Complement Fixation Tests—							
For Treatment Centres ..	..	..	1,226	333	62	3	1
For Practitioners	..	..	..	4	2	2	..
Cultural Tests—							
For Treatment Centres ..	..	..	..	..	10	57	4
For Practitioners	..	..	..	..	..	..	9
TOTALS	3,217	8,290	10,693	9,297	7,166	7,165	7,258

TABLE XXXIX.—*Venereal Diseases.—Clinics and Attendances during* 1924.

Institution.	Medical Officer.	Days and Hours of Consultation.	Average Number of Patients attending.				
			1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Whole Year
Sheffield Royal Infirmary	Dr. Rupert Hallam	Monday, 1.30 p.m. to 4 p.m. (Syphilis)	23	21	29	31	26
		Tuesday, 1.30 p.m. to 4 p.m. (Syphilis)	46	42	37	40	41
		Thursday, 1.30 p.m. to 4 p.m. (Syphilis)	36	32	30	34	33
	Dr. T. B. Mouat	Friday, 2 p.m. to 4.30 p.m. (Gonorrhœa)	26	22	19	23	23
	Dr. Rupert Hallam Dr. T. B. Mouat	Wednesday, 6 p.m. to 8 p.m., for Males only (Syphilis and Gonorrhœa)	80	79	79	99	84
Sheffield Royal Hospital	Dr. E. F. Skinner	Tuesday, 11 a.m. to 1 p.m., Men and Women (Syphilis)	10	12	9	8	10
		Thursday, 11 a.m. to 1 p.m., Women only (Do.)	25	22	18	17	21
		Thursday, 7 p.m. to 9 p.m., Men only (Do.)	10	7	7	9	8
		Saturday, 2 p.m. to 4 p.m., Men only (Do.)	21	25	20	22	22
	Dr. J. B Ferguson Wilson	Tuesday, 7 p.m. to 9 p.m., Men only (Gonorrhœa)	36	34	35	39	36
		Friday, 7 p.m. to 9 p.m., Men only (Do.)	42	36	37	41	39
Jessop Hospital for Women	Dr. J. Chisholm	Tuesday, 5.30 p.m. to 7.30 p.m.	34	30	31	32	32
		Thursday, 5.30 p.m. to 7.30 p.m.	41	32	27	28	32
		Saturday, 11 a.m. to 1.30 p.m.	18	14	14	16	16
Children's Hospital, Western Bank.	Dr. H. Leader	Wednesday, 2 p.m. to 4.30 p.m.	14	12	11	12	12

TABLE XL.—*Venereal Diseases.—Summary of Returns with regard to Persons dealt with, Attendances, etc., during the year* 1924, *and three previous years.*

		AREA OF RESIDENCE OF PATIENTS.									
		COUNTY BOROUGHS.				COUNTIES.					
		Sheffield	Rotherh'm	Barnsley	Other.	Yorks WR.	Derbys.	Lincs.	Notts.	Other.	Totals.
Persons dealt with for the first time at or in connection with the Out-patient Clinics ..	Royal Infirmary ..	452	43	25	..	12	53	..	24	23	632
	Royal Hospital ..	399	..	..	..	34	9	..	..	..	442
	Jessop Hospital ..	170	1	3	..	23	6	..	4	..	207
	Children's Hospital ..	107	5	1	2	1	4	2	..	..	122
	Totals, 1924	1,128	49	29	2	70	72	2	28	23	1,403
	Totals, 1923	1,182	55	18	12	120	32	..	11	..	1,430
	Totals, 1922	1,149	74	36	5	80	44	1	10	..	1,399
	Totals, 1921	1,553	119	41	3	171	49	3	25	3	1,967
Total attendances at the Out-patient Clinics	Royal Infirmary ..	19,916	926	537	..	698	456	..	245	336	23,114
	Royal Hospital ..	9,652	..	..	..	394	76	..	1	..	10,123
	Jessop Hospital ..	3,318	76	53	..	476	219	..	40	..	4,182
	Children's Hospital ..	608	11	3	6	2	8	..	..	..	638
	Totals, 1924	33,494	1,013	593	6	1,570	759	..	286	336	38,057
	Totals, 1923	31,590	2,158	818	121	2,228	836	..	262	..	38,013
	Totals, 1922	24,213	898	375	25	1,217	589	27	185	..	27,529
	Totals, 1921	26,647	863	353	18	1,807	496	27	152	3	30,366
Aggregate number of "In-patient days" of all patients	Royal Infirmary ..	183	..	22	..	..	..	..	1	..	206
	Royal Hospital ..	170	..	..	..	..	..	..	..	..	170
	Jessop Hospital ..	964	..	..	..	53	181	..	..	..	1,198
	Children's Hospital ..	155	..	..	..	..	..	50	..	..	205
	Totals, 1924	1,472	..	22	..	53	181	50	1	..	1,779
	Totals, 1923	1,950	117	86	121	477	23	..	85	..	2,859
	Totals, 1922	1,421	35	36	..	319	211	135	..	..	2,157
	Totals, 1921	1,663	72	..	..	197	68	27	17	..	2,044

THE SALE OF FOOD AND DRUGS ACTS.

TABLE XLI.—*Results of Analyses during* 1924.

Article.	Total Samples submitted.	Formal Samples.		Informal Samples.	
		Genuine.	Adulterated.	Genuine.	Adulterated.
Milk	811	667	19	113	12
Separated Milk	7	7	. .	. .	. .
Skimmed Milk	2	2	. .	. .	. .
Condensed Milk	3	. .	. .	3	. .
Cream	22	2	1	15	4
Butter	107	33	. .	74	. .
Margarine	8	3	. .	5	. .
Cream Cheese	4	. .	. .	4	. .
Cheese	13	1	. .	12	. .
Cocoa	2	. .	. .	2	. .
Coffee	4	1	1	. .	2
Baking Powder	2	1	. .	1	. .
Arrowroot	1	. .	. .	1	. .
Flour	8	. .	. .	8	. .
Corn Flour	1	. .	. .	1	. .
Self Raising Flour . .	5	. .	. .	5	. .
Oatmeal	2	. .	. .	2	. .
Ground Almonds . .	1	. .	. .	1	. .
Sponge Buns	9	. .	. .	9	. .
Cane Sugar	1	. .	. .	1	. .
Ground Rice	1	. .	. .	1	. .
Honey	1	. .	. .	1	. .
Jams	2	. .	. .	2	. .
Mustard	2	. .	. .	2	. .
Pepper	3	1	. .	2	. .
Lemon Cheese	1	. .	. .	1	. .
Ice Cream	1	. .	. .	1	. .
Sausage	4	. .	. .	4	. .
Polony	1	. .	. .	1	. .
Potted Crab	1	. .	. .	1	. .
Vinegar	17	1	2	13	1
Brandy	11	. .	. .	10	1
Gin	4	. .	. .	4	. .
Whisky	7	1	. .	5	1
Rum	4	. .	. .	4	. .
Borax (Powdered) . .	2	. .	. .	2	. .
Camphorated Oil . .	11	1	1	8	1
Ammoniated Tincture of Quinine	3	. .	. .	3	. .
Cream of Tartar . .	2	. .	. .	2	. .
Castor Oil	1	. .	. .	1	. .
Eucalyptus Oil	2	. .	. .	2	. .
Epsom Salts	2	. .	. .	2	. .
Gregory Powder	1	. .	. .	1	. .
Glycerine	1	. .	. .	1	. .
Liquorice Powder Comp.	3	. .	. .	3	. .
Olive Oil	1	. .	. .	1	. .
Sweet Spirit of Nitre . .	22	. .	2	17	3
Sweet Nitre Balsam . .	1	. .	. .	1	. .
Syrup of Rhubarb . .	1	. .	. .	1	. .
Total	1,126	721	26	354	25

Proceedings taken under the Sale of Food and Drugs Acts.

Number of Cases.	Nature of Samples.	Fines Imposed.
17	Milk	£101, also costs in three cases. In the case of two samples, the Vendors were cautioned and costs charged.
2	Vinegar	£7/5/0, also costs in one case.
1	Coffee	£1.
1	Brandy	£2.
2	Margarine .. .. (Failure to label)	£7/15/0.
1	Camphorated Oil ..	£5, also costs.
2	Sweet Spirit of Nitre	Costs only.

CONTROL OF MILK SUPPLY.

For full details of this work see report of the Chief Veterinary Inspector, which follows at page 90.

	Number.	Cost
		£ s. d.
Chemical Analyses of Milk under Sale of Food and Drugs Acts	695	417 0 0
Biological tests of Milk for Tuberculosis	1,187	890 5 0
Microscopical examinations of Milk for Tuberculosis ..	116	Work done by Department Staff.
Clinical examinations of Cows	8,232	

For further particulars see report under Sale of Food and Drugs Section (page 86), also report of Chief Veterinary Inspector, which follows (page 90), for results of examinations, etc.

PATHOLOGY AND BACTERIOLOGY.

TABLE XLII.—*Bacteriological Examinations at the Sheffield University during the year* 1924.

MONTH.	Swabbings for Diphtheria.	Serum for Typhoid.	Biological Test of Milk for Tubercle Bacilli.
January	123	33	86
February	144	10	107
March	437	28	88
April	128	23	91
May	126	19	108
June	87	39	102
July	102	29	87
August	96	26	117
September	112	36	86
October	178	40	119
November	233	14	107
December	467	20	89
Totals	2,233	317	1,187

			£	s.	d.
2,233	Examinations of	Swabbings for Diphtheria at 3/6	390	15	6
317	,,	Serum for Typhoid at 5/-	79	5	0
1,187	,,	Milk for Tuberculosis at 15/-	890	5	0
SPECIAL EXAMINATIONS—					
1	Examination of	Urine (Tuberculosis) at 5/-	0	5	0
1	,,	Milk (Infectious Disease) at £3/3/0	3	3	0
1	,,	Sputum (Tuberculosis) at 2/6		2	6
1	,,	Fæces (Typhoid) at £1/1/0	1	1	0
			£1,364	17	0

NOTES (1)—In addition to the examinations carried out at the University, 116 microscopical examinations of Milk for Tubercle Bacilli were made at the Veterinary Department by the Staff ; and 3,562 microscopical examinations of Sputa for Tubercle Bacilli were made by the Staff at the Tuberculosis Dispensary and at the Crimicar Lane Sanatorium.

(2)—Particulars of examinations in connection with the Venereal Diseases Clinics are given in a table on page 83.

METEOROLOGY.

TABLE XLIII.—*Meteorology during* 1924. Records taken at Weston Park (430 feet above Sea Level).

Week ending.	Mean Barometer Corrected.	Mean Daily Sunshine. (Hours).	Grass Minimum. Mean Daily Temperature	Soil 1 Foot. Mean Daily Temperature	Soil 4 Feet. Mean Daily Temperature	Air Maximum. Mean Daily Temperature	Air Minimum, Mean Daily Temperature	Total Rainfall for the week. (Inches).
Jan. 5th	30·15	1·6	33	36·8	39·9	44	37	0·53
12th	29·61	1·3	26	34·8	39·6	38	30	0·95
19th	*	*	*	*	39·1	*	*	0·38
26th	30·11	1·3	34	38·7	39·8	47	39	0·77
Feb. 2nd	30·35	2·8	35	38·7	40·1	46	40	—
9th	29·95	1·0	38	39·9	40·5	46	41	0·13
16th	*	*	*	*	40·7	*	*	0·46
23rd	*	*	*	*	39·8	*	*	*
Mar. 1st	29·91	2·4	26	35·8	39·3	40	29	0·67
8th	*	*	*	*	38·5	*	*	*
15th	30·31	6·7	23	33·9	37·9	54	30	—
22nd	29·90	3·9	25	35·0	37·8	45	31	0·25
29th	29·53	0·3	36	38·4	38·5	45	37	0·33
April 5th	30·32	2·0	28	37·1	38·9	44	33	0·01
12th	29·71	4·4	30	39·2	39·3	49	34	0·15
19th	29·95	6·0	32	39·8	40·0	53	37	0·56
26th	29·90	2·3	41	45·4	41·5	56	41	0·57
May 3rd	29·57	2·5	37	45·9	43·3	53	41	1·17
10th	29·82	3·7	37	45·9	44·1	53	40	0·98
17th	29·99	7·1	42	50·2	45·4	62	46	0·17
24th	29·80	3·3	46	52·8	47·3	61	48	1·06
31st	29·85	4·9	45	54·1	48·9	64	49	0·96
June 7th	30·00	3·2	45	53·5	50·1	59	46	0·91
14th	29·87	5·4	47	56·3	51·2	61	49	0·54
21st	29·99	6·4	47	58·2	52·4	69	52	0·14
28th	30·18	7·3	49	60·3	54·1	68	53	0·01
July 5th	29·69	6·2	47	58·4	55·1	64	50	0·54
12th	29·99	6·7	51	59·4	55·1	73	55	0·03
19th	29·95	8·3	49	60·8	56·3	68	54	0·20
26th	29·93	4·3	49	58·4	56·4	63	52	0·91
Aug. 2nd	29·77	2·8	51	58·2	55·9	63	54	1·08
9th	30·08	6·5	48	58·5	56·1	65	52	0·15
16th	29·83	5·3	47	59·1	56·3	67	52	0·51
23rd	29·47	3·8	46	56·7	56·2	61	49	1·00
30th	29·89	1·5	47	55·8	55·4	60	51	0·64
Sept. 6th	29·99	2·7	52	57·2	55·2	64	54	0·32
13th	29·63	3·2	48	56·6	55·4	62	51	0·93
20th	29·87	4·6	48	55·5	55·1	62	51	0·72
27th	29·66	5·0	44	53·7	54·7	58	47	1·24
Oct. 4th	29·81	2·6	42	52·4	53·8	59	46	0·46
11th	29·76	2·8	41	51·0	52·8	55	45	1·01
18th	30·33	2·2	41	50·9	52·1	58	46	0·25
25th	30·03	2·9	36	48·3	51·4	51	41	0·99
Nov. 1st	29·57	1·5	41	48·0	49·9	55	47	1·98
8th	30·15	1·9	34	45·7	49·4	49	40	0·25
15th	30·19	0·2	40	45·7	48·2	47	42	0·38
22nd	30·48	2·1	34	43·9	47·5	48	40	0·05
29th	29·59	0·9	39	45·1	46·9	50	42	0·94
Dec. 6th	29·62	0·8	39	44·6	46·7	49	44	1·23
13th	30·28	0·4	38	44·2	46·2	49	42	1·02
20th	30·02	1·0	36	42·7	45·8	49	42	0·25
27th	29·77	1·3	37	43·5	45·4	48	40	0·94

* Records not available.

REPORT OF THE CHIEF VETERINARY INSPECTOR

FOR THE YEAR 1924.

Tram and Other Accidents.

Eight cases of alleged damage to horses due to tram accidents were investigated, and reports made to the General Manager of the Tramways.

Slaughter-houses.

The number of slaughter-houses in use last year was 166, 41 of which belong to the Corporation and are let out to butchers. Of the 125 private slaughter-houses, 88 are licensed annually under the Sheffield Corporation (Consolidation) Act, 1918. In addition there are three horse slaughter-houses and one place licensed as a knacker yard.

The slaughter-houses were regularly inspected, the total number of visits paid being 5,690. 4,203 visits were also paid to the Market Places, Shambles, Shops, Stores, etc.

The following carcases were brought into No. 25 slaughter-house, Killing Shambles (the slaughter-house set apart by the Corporation for diseased or suspected animals) :—543 carcases of beef, of which 152 were condemned ; 39 carcases of mutton, 23 of which were condemned ; 12 carcases of pork, 6 being condemned ; and 23 carcases of veal, 10 of which were condemned.

Particulars with regard to all carcases condemned during the year are as follows :—

The number of carcases of meat affected with Tuberculosis, condemned and destroyed	88½ carcases of beef.
	5 carcases of pork.
The number of carcases of meat affected with various other diseases and for other causes condemned and destroyed	63½ carcases of beef.
	66 carcases of mutton.
	21 carcases of pork.
	95 carcases of veal.

In addition the following were also condemned and destroyed :—

Preserved Food.—2,456 tins of canned food.

Game, etc.—12 hares ; and 2 tons 8 cwts. 2 qrs of rabbits.

Poultry.—71 and one box turkeys ; 1,032 eggs and 10 cases of eggs ; and 3 hampers rooks.

Fruit.—54 boxes, 11 bundles, 9 baskets, and 1 ton 6 cwts. 3 qrs. tomatoes ; 1 bag coconuts ; 22 baskets and 39 boxes pears ; 28 boats cherries ; 7 hampers gooseberries ; 57 crates and 9 sieves black currants ; 200 baskets strawberries ; 1 crate apples, 432 bags potatoes, 20 crates lettuce.

Fish.—57 tons 9 cwts. of various species.

The total weight condemned during the year was 81 tons 5 cwts. 1 qr. of meat ; 57 tons 9 cwts. of fish ; and 2 tons 8 cwts. 2 qrs. of rabbits.

Inspection of Horses and Carcases for Exportation Abroad.

Number of horses submitted for examination	988
Number of carcases passed for food..	967½
Number of carcases condemned unfit for food	20½
Number of carcases exported abroad	967½
Number of visits paid to horse slaughter-houses	495
Number of horse slaughter-houses	3

DAIRY INSPECTION.

During the year 966 samples of mixed milk were taken for bacteriological examination, 73 of which equal to 7·5 per cent., gave a positive result, whilst 893 were negative. 456 of the mixed samples came into the City by road conveyances, 26 of which (5·70 per cent.) were tuberculous; 503 came by rail, 46 of which (9·12 per cent.) were tuberculous; whilst 4 were samples taken for special reasons from supplies produced in the City, one of which (25·0 per cent.) was tuberculous. The number of samples of mixed milk coming into the City, taken for bacteriological examination, was 959, 72 of which (7·4 per cent.) were tuberculous.

In following up the 72 tuberculous (country) samples, 172 visits were made to 82 farms and the udders of 1,282 cows examined. At 44 of these farms, 47 cows with tuberculous udders were found. At the remaining 29 farms no cows with tuberculous udders were found, and subsequent control samples of the mixed milk from these farms were proved negative by bacteriological examination. In most of these instances the farmers had sold off the cows during the period intervening between the taking of the tuberculous mixed samples and the date of the inspection. 2 farms were visited because the milk sellers obtained part of their milk supplies from them.

The average number of cows found at the 72 farms from which tuberculous mixed samples were sent was 16, and if we allow that number for the 887 farms from which the negative mixed samples were sent, we have 14,192 cows, the milk from which was examined bacteriologically and proved negative. The total number of country cows examined, either clinically or (through their milk) bacteriologically (1,282+14,192) will thus total up to 15,474, amongst which 47 cows with tuberculous udders were found, equal to a percentage of 0·3. If we take the percentage of 47 tuberculous udders amongst the 1,282 country cows clinically examined, the figures work out at 3·45 per cent.

Control Samples.—Altogether 112 control samples were taken, 97 representing 68 farms and 1,179 cows, being taken from country herds, and 15, representing 11 farms and 148 cows, from city herds.

Sixteen of the country samples, equalling 17·58 per cent., and 5 of the City samples (33·3 per cent.), were found to be tuberculous.

Special Samples.—A total of 146 special samples were taken, 82 being from city cows, 23 of which (28·04 per cent.) were positive and 64 from country cows, 52 of which (81·25 per cent). were positive.

Mixed Samples.—A mixed sample is a sample of milk from the mixed milk of a herd, sent into Sheffield for sale by road or rail conveyance.

Control Samples.—A control sample is a sample of milk taken from a herd that is being inspected, either during routine inspection or following up a tuberculous mixed sample.

Special Samples.—A special sample is a sample taken from a cow with a suspicious udder, found when inspecting herds in the city or country, from which milk is consumed in Sheffield.

The number of cowshed premises inside the city was 200. The occupiers of 13 of these premises have given up keeping cows to produce milk for sale. The total maximum number of cows kept in the city was 2,348. Allowing each cow to be in a city cowshed eight months, it follows that about 1,170 fresh cows must be added to that number, making about 3,520 in the city cowsheds to be examined during the year.

The number of inspections of city cows made was 6,950, and 23 cows having tuberculous udders were discovered—equal to a percentage on 3,520 of 0·6. The number of visits made by the Assistant Veterinary Inspector to the city farms was 613. (Owing to the outbreaks of Foot-and-Mouth Disease the visits made to city cowsheds had to be considerably curtailed).

Including country cows examined, 146 showed symptoms suspicious of tuberculosis of the udder, and a sample of milk was taken from each of them, 101 being sent for bacteriological examination. 30 of the latter proved positive, 71 giving negative results. Sixteen city cows and 29 country cows were condemned on the microscopical examination of the milk alone, making a total of 45.

The 75 cows thus definitely proved to have tuberculous udders were disposed of as follows :—17 were sold by the owners and were lost sight of ; and 58 were killed, the carcases of 34 being passed as fit for human food after the diseased parts had been first removed and destroyed, and 24 totally condemned and the carcases destroyed at the destructor or knackers' yards.

NUMBER OF SAMPLES OF MILK BACTERIOLOGICALLY EXAMINED FOR TUBERCULOUS INFECTION.

	1921.	1922.	1923.	1924.
Mixed Samples	1,057	1,073	957	966
Number found Tuberculous	88	81	68	73
Percentage	8·3	7·5	7·1	7·5
Control Samples	129	123	98	112
Number found Tuberculous	28	18	23	21
Percentage	21·7	14·6	23·47	17·85
Samples from cows with suspicious udders	144	132	134	146
Tuberculous—Biological	17	9	10	30
Do. Microscopical	64	61	63	45
Do. Total number found	81	70	73	75
Percentage	56·3	53·0	54·47	51·37
Estimated number of cows on country farms where mixed milk samples were free from tuberculous infection	16,473	13,830	13,335	16,020
Number of country cows clinically examined for tuberculosis of the udder, in following up tuberculous mixed samples	1,615	1,569	1,119	1,282
Tuberculous	61	48	53	52
Percentage	3·8	3·06	4·73	4·84
Number of city cows clinically examined for tuberculosis of the udder	7,471	5,674	6,427	6,950
Tuberculous	21	23	19	23
Percentage	·7*	·66§	·5†	·6‡
Disposal of cows with tuberculous udders :—				
Killed	66	55	58	58
Passed	47	39	38	34
Percentage	71·0	70·9	65·5	58·6
Condemned	19	16	20	24
Percentage	29·0	29·1	34·5	41·4
Sold or otherwise lost sight of	17	16	16	17

* Percentage on 3,000 only.
§ Do. 3,500 only.
† Do. 3,700 only.
‡ Do. 3,520 only.

MICROSCOPIC EXAMINATION OF MILK.

With a view to stopping the sale of milk from an animal affected with tubercular mastitis at the earliest possible moment, all the special samples taken were examined microscopically.

If the examination of the milk microscopically results in the demonstration of tubercle bacilli, a visit is at once paid to the farm and the milk from that cow stopped, and in every case an effort is made to have the animal slaughtered. In practically every case this means that the milk from the rest of the herd is now free from tuberculous infection, whereas if one were to wait for the biological test (*i.e.*, 28 days), then the consumers of the milk from this dairy would be drinking tubercle infected milk for this period. As a rule, at the end of 28 days the report comes in that the control sample, that is, the sample from the remainder of the herd, is free from tuberculous infection.

The milk yield per day from each cow is estimated at 2¼ gallons, whilst the average number of cows found on the country farms visited during 1924 was 18, and on the city dairy premises 12. Taking into consideration the fact that the milk has been freed from tuberculous infection for 28 days, then the source of infection has been removed from 1,134 gallons in the case of country samples and 756 gallons in the case of city samples per day for 28 days.

In 1924, 52 country cows and 23 city cows were found to be suffering from tuberculosis of the udder by microscopic examination of the special samples. Thus 76,356 gallons (58,968+17,388) of milk were freed from infection, which otherwise would have been tubercle infected and consumed in the city.

MICROSCOPIC EXAMINATIONS FOR TUBERCULOSIS MADE IN FOLLOWING UP POSITIVE MIXED SAMPLES, AND IN ORDINARY INSPECTION OF CITY COWS, DURING 1924.

Total Number of Samples taken from cows showing symptoms suspicious of Tuberculosis of the udder	146
Do. found Positive Microscopically	45
Do. found Negative Microscopically	101

Of the 66 sent for the biological examination—
30 returned positive.
71 ,, negative.

Thus definite results have been obtained from 146 samples of milk, and of these 75 have been proved definitely positive. Out of this 75, 45 were found microscopically, or a percentage of 60.

CORPORATION STUD.

During the year 479 visits were paid to examine and treat horses in Corporation stables.

MOTOR CAR SERVICE.

Motor cars were hired from the Cleansing Department and the Central Motor Garage during the year for 1,863¼ hours, the distance travelled being 12,314 miles. Taxi-cabs were also hired for 225 hours 15 minutes.

DISEASES OF ANIMALS ACTS AND ORDERS.

Anthrax.

Six suspected outbreaks of Anthrax were reported on premises in the City. Each outbreak was investigated, and the presence of the disease was confirmed in three of the cases reported.

Parasitic Mange.

Four suspected outbreaks of this disease in studs in the City, were dealt with during the year. In each case the existence of the disease was confirmed. Five horses were affected. All were isolated and medically treated until cured or slaughtered. Under the Parasitic Mange Order of 1911, in addition to notification by the owners of suspected or affected animals, it is also compulsory for veterinary surgeons to report such cases occurring in their practice. All cases were so notified.

Swine Fever.

One hundred and eighty cases of illness or death of pigs were reported during the year to the Ministry of Agriculture and Fisheries in compliance with the Swine Fever Order. These cases were investigated by the Veterinary Inspectors of the Ministry and ten were confirmed as Swine Fever.

Foot and Mouth Disease.

Four cases of suspected Foot and Mouth Disease on various premises were reported during the year, all of which were confirmed. 32 animals were found to be affected, whilst 88 were in contact. The first case was reported on February 17th and the last case on May 5th.

Prosecutions.

Act or Order under which prosecution was taken.	Nature of Offence.	Penalty imposed.
Foot-and-Mouth Disease Orders	Movement of Animals in contravention of Order	10/-
	Do.	10/-
	Do.	£7/10/0
	Do.	£5
	Do.	£10
	Licence not Counter-signed	£2
	Do.	£2
	Do.	£2
	Do.	£2
	Do.	£2
	Do.	£2
	Do.	£3
	Do.	£4
	Do.	£4
	Do.	£2
	Do.	£8
	Do.	Dismissed.
	Do.	Dismissed.
	Do.	Dismissed.
Swine Fever (Movement) Order	Burial of Swine	£2
	Do.	£1
Public Health Act	Depositing Diseased Meat	£5
	Do.	£2

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